AB 2588 HEALTH RISK ASSESSMENT

Bowman Plating Co. Inc. > Compton, CA

Bowman Plating Company
aerospace division

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LIST OF ABBREVIATIONS / ACRONYMS

AB2588 Air Toxics "Hot Spots" Information and Assessment Act
AERMOD American Meteorological Society Regulatory Model
AMS American Meteorological Society
AER Annual Emissions Report
BPIPPRIME Building Profile Input Program PRIME
CARB California Air Resources Board
CAS Chemical Abstract System
CPF Cancer Potency Factors
DTSC Department of Toxic Substances Control
GIS Geographic Information System
HARP Hot Spots Analysis and Reporting Program
HI Hazard Index
HIA Acute Hazard Index
HIC Chronic Hazard Index
HRA Health Risk Assessment
NED National Elevation Datasets

MEIR	Maximally Exposed Individual Resident
MEIW	Maximally Exposed Individual Worker
MICR	Maximum Individual Cancer Risk
OEHHA	Office of Environmental Health Hazard Assessment
PM	Particulate Matter
PMI	Point of Maximum Impact
REL	Reference Exposure Level
RfD	Reference Dose
SCAQMD	South Coast Air Quality Management District
TAC	Toxic Air Contaminants
URF	Unit Risk Factor
USEPA	United States Environmental Protection Agency USGS United States Geological Survey
UTM	Universal Transverse Mercator
ZOI	Zone of Impact

LIST OF KEY DEFINITIONS

- Acute Health Impacts - An effect caused by initial exposure of a hazardous chemical on the body. The effects are generally severe, but are often reversible after exposure stops.
- Cancer burden - Cancer burden is the estimated number of theoretical cancer cases in a defined population resulting from lifetime exposure to pollutants emitted from a facility.
- Chronic Health Impacts - An effect caused by prolonged or repeated exposures over time. Symptoms may not be apparent immediately but develop over time and are often irreversible.
- Cancer Health Impacts - An exposure to a carcinogenic substance that causes an increase in the likelihood for cancer in the exposed individual.
- Dose-Response Assessment - The process of characterizing the relationship between the exposure to an agent and the incidence of an adverse health effect in exposed populations.
- Multipathway Substances - A substance or chemical that once airborne from an emission source can, under environmental conditions, be taken into a human receptor by inhalation and by other non-inhalation exposure routes, such as deposition on skin or ingestion of soil contaminated by the emission.

1. EXECUTIVE SUMMARY

On behalf of Bowman Plating Co. Inc. (Bowman), Trinity Consultants, Inc. (Trinity) has prepared this Health Risk Assessment (HRA) for Bowman's facility (Facility ID #18989) located at 2631 East 126th Street in Compton, California. The facility is located in an unincorporated area of Willowbrook city. In accordance with AB 2588 and SCAQMD Rule 1402, Bowman has prepared this HRA in response to SCAQMD's notice to prepare an HRA. Based on results of an HRA, AB 2588 and Rule 1402 requires public notification to affected populations and implementation of risk reduction measures, if specific health risk levels are exceeded.

1.1. PROJECT OVERVIEW

Bowman operates a 102,000 square foot industrial plant located approximately 1 mile south from Highway 105 in Compton, California (refer to Figure 1 – Location Map). In general, the local topography around the plant is flat terrain within an urban environmental setting. As shown by Figure 2 – Vicinity Map, Bowman's facility boundary is located on 126th Street and East Alameda Street. A site plot of the facility including, facility boundary, building heights and emission sources are identified on Figure 3a and 4. Industrial/commercial land uses and sources are primarily located north and east of the facility. Bowman is located in an unincorporated area of Los Angeles County, also referred to as Willowbrook. As shown on Figure 5a, per Los Angeles County Department of Regional Planning, the immediate areas surrounding the facility is zoned for M-1 and extends north to 124th Street and south to 127th Street. Per county requirements, zone M-1 is light manufacturing with permitted uses for light manufacturing and prohibitions for residential and school uses. However, as shown on Figure 5b, some portions of the immediate surrounding areas are currently mixed uses that include residential homes combined with industrial uses, which do not conform with the designated county zoning.

In June 2007, Bowman prepared an AB 2588 HRA (2007 HRA) which was subsequently approved by the SCAQMD. Based on results of the 2007 HRA, health risk impacts were determined to be within acceptable regulatory levels. Bowman was required to perform a limited public notification for affected residences. Since that time, Bowman has routinely filed its SCAQMD Annual Emissions Reports (AER) providing estimates of facility emissions. Based on filed AERs for Reporting Years 2011 to 2013, the SCAQMD recently determined that the 2007 HRA may not be representative of current health risks, and notified Bowman to prepare an updated HRA to reflect current operations (refer to Appendix A). In response, Bowman reviewed its prior AERs and filed corrections citing errors in reported air toxic emissions, which included an erroneous control efficiency for its HEPA filters versus normal filters. Bowman submitted corrected AERs for Reporting Years 2009 to 2013. As a result, the originally reported emissions were substantially higher than otherwise reflected by current operations. Irrespective, the SCAQMD required Bowman to prepare an updated HRA based on current facility operations.

As a consequence, Bowman has prepared this updated HRA based on emissions and throughputs submitted with its corrected 2013 AER (refer to Appendix B). As required, this updated HRA reflects current facility operations (and air pollution controls) for all regulated AB 2588 toxic air contaminants (TACs) listed on OEHHA Appendix A-I. Per OEHHA and SCAQMD guidelines, this updated HRA provides a comprehensive risk assessment meeting AB2588 requirements and includes a dispersion analysis of released TACs into the environment, the potential for human exposure, and a quantitative assessment of both individual and population-wide cancer and non-cancer health risks associated with those levels of exposure.

1.2. HEALTH RISK MODELING

Per applicable guidelines, this HRA utilizes the Hot Spots Analysis and Reporting Program (HARP) based on air dispersion modeling output from U.S. EPA's AERMOD software. This HRA was prepared according to the

SCAQMD "*Supplemental Guidelines for Preparing Risk Assessments for the Air Toxics 'Hot Spots' Information and Assessment Act (AB2588)*" and OEHHA "*Air Toxics Hot Spots Program Risk Assessment Guidelines (2003)*". The results obtained from HARP provide the necessary information to generate the zones of impact, and identify the potentially exposed populations. In addition, potential health effects were evaluated for the maximum exposed individual resident (MEIR) and the maximum exposed individual worker (MEIW) for both noncancer and carcinogenic health impacts. Data projections were based on WGS 1984 Datum.

In this HRA, there were fourteen (14) AB 2588 chemicals that were modeled based on the facility's reported emissions. These chemicals are emitted from metal coating and finishing processes at the facility, including, spray booths, process tanks and combustion sources (copies of facility permits provided in Appendix C). Note that a few combustion equipment are exempt for requiring an operating permit. For reference, Table 2 provides emissions rates for all modeled sources in this updated HRA. The primary exposure pathways for affected populations is inhalation for all receptors. Table 3a identifies other exposure pathways modeled for residential receptors, which are home grown produce, dermal absorption, soil ingestion and mother's milk. For worker receptors, non-inhalation exposure pathways included dermal absorption and soil ingestion. For those receptors that are impacted by noncancer health hazards, these chemicals may potentially affect certain human target organs, including, respiratory system, reproductive system, developmental and others, as identified in Table 3b.

1.3. SUMMARY OF RESULTS

1.3.1. Potential Carcinogenic Risks

Table 1 summarizes the results of this HRA for cancer risk. The PMI (Receptor #2255, UTM 386792E 3753792N) for carcinogenic health effects is located on the facility fence line (northeast side of property) with a predicted excess cancer risk of 4.45×10^{-05}. The MEIR (Receptor #264, UTM 386790E 3753732N) for carcinogenic health risk is located towards the southeast of the facility in the residential/industrial land use with a predicted excess cancer risk of 1.10×10^{-05}. The MEIW (Receptor #2255, UTM 386792E 3753792N) carcinogenic health effects is located on the facility boundary with an estimated excess cancer risk of 1.67×10^{-05}. The nearest commercial receptor is approximately 5 meters northeast of the facility boundary and the next nearest receptor is 20 meters. Figure 7a identifies the location of the PMI, MEIW and MEIR. Predicted off-site concentrations decrease rapidly with distance from the facility. For the MEIW and MEIR, emissions of hexavalent chromium from the spray coating operation makes up 98%+ of the contribution to excess cancer risk. Cancer risk isopleths for residential and worker are shown on Figures 8a and 9a, respectively.

The MEIR and MEIW value is above the level (1×10^{-5} or ten-in-one million) at which the SCAQMD requires the distribution of public notices pursuant Rule 1402. However, the area of isopleth exceeding ten-in-one million encompasses approximately six (6) residential properties and one (1) commercial lot North of the facility with four addresses (see Figure 11 and 12). Census tracts were included in the zone of impact (ZOI), e.g., boundary in which the lifetime cancer risk is greater than 1×10^{-6}. Census maps are shown on Figures 6a and 6b. Since carcinogenic risk were above 1 in 1 million, cancer burden for affected populations was estimated to be 0.027. One sensitive location was located within the ZOI with a carcinogenic risk of 1.70×10^{-06} (see Figure 10). Additional sensitive receptors were modeled, however these locations were located outside of the cancer ZOI.

1.3.2. Chronic Noncarcinogenic Health Hazards

Table 1 summarizes the results of this HRA for chronic noncancer health hazards. The PMI (Receptor #2255, UTM 386792E 3753792N) for chronic noncancer health effects is located on the facility fence line (northeast side of property) with a predicted excess chronic hazard of 1.96×10^{-01}. The MEIR (Receptor #264, UTM 386790E 3753732N) for chronic noncancer health effects is located southeast of the facility boundary lines with a predicted excess chronic hazard of 2.72×10^{-02}. The MEIW (Receptor #2255, UTM 386792E 3753792N) chronic noncancer health effects is located on the facility fence line with a predicted excess chronic risk of 1.96 x

10^{-01}. Figure 7b identifies the location of the PMI, MEIW and MEIR. Predicted off-site concentrations decrease rapidly with distance from the facility. For the MEIW and MEIR, nickel makes up 95%+ of the total contribution to the hazard index for target organs. Chronic risk isopleths for residential and worker are shown on Figures 8b and 9b, respectively.

The values for the MEIW and MEIR do not exceed the level (1.0) for which the SCAQMD requires individuals in the area to be notified. With respect to the MEIW, the land is zoned for commercial/industrial use and is currently occupied. The MEIR land area is zoned for residential/industrial use and is also currently occupied. The HIC for MEIW and MEIR are both below 3.0, which is the Action Risk Level as defined by Rule 1402(c)(2). No sensitive receptors exist in the zone of impact for chronic noncancer risks.

1.3.3. Acute Noncarcinogenic Health Hazards

Table 1 summarizes the results of this HRA for acute noncancer health hazards. The PMI (Receptor #2255, UTM 386792E 3753792N) for acute noncancer health effects is located on the facility fence line (northeast side of property) with a predicted excess acute hazard risk of 6.87×10^{-02}. The MEIR (Receptor #246, UTM 386770E 3753732N) for acute noncancer health effects is located southeast of the facility boundary lines with a predicted excess acute hazard risk of 4.69×10^{-02}. The MEIW (Receptor #2255, UTM 386792E 3753792N) acute noncancer health effects is located on the facility fence line with a predicted excess acute hazard risk of 6.87×10^{-02}. Figure 7c identifies the locations of the PMI, MEIW and MEIR. Predicted off-site concentrations decrease rapidly with distance from the facility. For the MEIW and MEIR, nickel make up 85%+ of the total contribution to the hazard index for target organs. Acute risk isopleths for residential and worker are shown on Figures 8c and 9c, respectively.

The values for the MEIW and MEIR do not exceed the level (1.0) for which the SCAQMD requires individuals in the area to be notified. With respect to the MEIW, the land is zoned for commercial/industrial use and is currently occupied. The MEIR land area is zoned for residential/industrial use and is also currently occupied. The HIA for MEIW and MEIR are both below 3.0, which is the Action Risk Level as defined by Rule 1402(c)(2). No sensitive receptors exist in the zone of impact for acute noncancer risks.

2. INTRODUCTION

Trinity Consultants was retained to prepare an HRA for the facility referenced below. As required, this HRA was prepared pursuant to California Air Resources Board' Air Toxics Hot Spots Program (Hot Spots Program), which is implemented per the requirements of California Assembly Bill 2588 (AB 2588). Guidelines used in the preparation of this HRA included OEHHA's "*Air Toxics Hot Spots Program Guidance Manual for Preparation of Health Risk Assessments (August 2003)*", and SCAQMD's "*Supplemental Guidelines for Preparing Risk Assessments for the Air Toxics 'Hot Spots' Information and Assessment Act (June 2011)*".

The objectives of this HRA are to: (1) estimate off-site air concentrations of the substances identified in AB2588 and emitted from the facility, (2) evaluate potential exposures to the surrounding community, (3) characterize the potential health risks to individuals and the exposed population associated with those levels of exposure, and (4) determine if additional actions are required per Rule 1402. This report presents the results of the HRA analysis utilizing refined air dispersion modeling based on guidance provided by the SCAQMD and OEHHA.

2.1. FACILITY IDENTIFICATION

Name:	Bowman Plating Company, Inc.
Address:	2631 East 126th Street
	Compton, California
Facility ID:	18989

2.2. APPLICABLE REGULATIONS

SCAQMD Rule 1402 implements AB 2588 for facilities within its jurisdiction, which requires health risk assessment, public notification and risk reduction measures for facilities which exceed applicable risk levels. Rule 1402 identifies public notification and action risk levels for carcinogenic impacts, as well as non-cancer acute and chronic hazard impacts. The following key requirements are provided per SCAQMD Rule 1402:

- Public Notification - The SCAQMD requires public notification to affected populations which equal or exceed the following health risk levels: MICR = 10 in 1 million, HIC = 1.0 or HIA = 1.0
- Action Risk Levels - The SCAQMD requires facilities to implement risk reduction measures if affected populations are exposed to health risk levels that equal or exceed the following: MICR = 25 in 1 million, HIC = 3.0 or HIA = 3.0
- Significant Risk Levels - The SCAQMD considers the following health risk impacts of affected populations to be significant: MICR = 100 in 1 million, HIC = 5.0 or HIA = 5.0

2.3. BACKGROUND

In June 2007, Bowman prepared an AB 2588 HRA (2007 HRA) which was subsequently approved by the SCAQMD. Based on the results of the 2007 HRA, Bowman was required to perform public notification, however, health risk impacts were determined to be within acceptable levels and no further risk reduction measures were required. Since that time, Bowman has regularly filed its SCAQMD Annual Emissions Reports (AER) providing estimates of facility emissions. Based on filed AERs for Reporting Years 2011 to 2013, the SCAQMD recently

determined that the 2007 HRA may not be representative of current health risks, and notified Bowman to prepare an updated HRA to reflect current operations. In response, Bowman reviewed its prior AERs and filed corrections citing one error in reported air toxic emissions, which included an erroneous control efficiency for its HEPA filters. Bowman submitted corrected AERs for Reporting Years 2009 to 2013. As a result, the reported emissions were substantially higher than otherwise reflected by current operations. Irrespective, the SCAQMD required Bowman to prepare an updated HRA based on current facility operations.

As a consequence, Bowman has prepared this updated HRA based on emissions and throughputs on its corrected 2013 AER. As required, this updated HRA reflects current facility operations (and air pollution controls) for all regulated AB 2588 toxic air contaminants (TACs) listed on Appendix A-I. Per OEHHA and SCAQMD guidelines, this updated HRA provides a comprehensive risk assessment meeting AB2588 requirements and includes a dispersion analysis of released TACs into the environment, the potential for human exposure, and a quantitative assessment of both individual and population-wide cancer and non-cancer health risks associated with those levels of exposure.

2.4. REPORT FORMAT

The report format for this HRA is consistent with SCAQMD requirements, and based on guidance by the Office of Environmental Health Hazard Assessment (OEHHA), as well as the Supplemental Guidelines for Preparing Risk Assessments for the Air Toxics "Hot Spots" Information and Assessment Act, provided by the SCAQMD, and revised June 2011.

Section 1.0 Executive Summary -This section summarizes facility information, emission sources, modeling parameters and key findings of this HRA.

Section 2.0 Introduction -This section discusses applicable regulatory requirements, project background and report format.

Section 3.0 Hazard Identification -This section identifies the reported substances emitted from the Bowman facility. The substances evaluated for cancer and noncancer endpoints are identified for Appendix A-I substances.

Section 4.0 Exposure Assessment -This section describes the estimated emissions for the chemicals of interest, the air dispersion modeling for determining airborne concentrations, the exposure pathways evaluated, and off-site receptors evaluated.

Section 5.0 Risk Characterization -This section presents the results of the risk assessment for the exposure scenarios evaluated. An evaluation of the zone of impact (ZOI), sensitive receptors, and population health risks are presented where appropriate.

Section 6.0 References -This section identifies the various publications, sources and other references used to prepare this HRA.

In addition to this HRA report, an accompanying CD-ROM has been submitted which includes required and supplemental electronic files, including, modeling input and output files.

Electronic files included in the CD-ROM are as follows:

- AERMOD Input File [Bowman.ami]
- AERMOD File [Bowman.amz]
- AERMOD Text File
- AERMAP Input and Output Text Files
- BPIP Input and Output Text Files
- AERMOD Plot Files by 1 Hour and Period by Source (.plt)
- USGS Terrain File (00206861)
- SCAQMD Met File (cmpt8)
- HARP Files (Bowman.ems, Bowman.rsk, Bowman.src, Bowman.xoq, Bowman_Summary, Bowman_Emission_data.csv)
- HARP Excel Risk Files (Cancer, Chronic, and Acute for Residential)
- HARP Excel Risk Files (Cancer, Chronic, and Acute for Worker)
- HARP Generated KML Files
- HARP Risk Reports Text Files

3. HAZARD IDENTIFICATION

In this initial step of HRA development, hazard identification involves identifying if a hazard exists, and if so, what are the pollutant(s) of concern and whether a pollutant has potential human carcinogen and/or other adverse health effects. In general, OEHHA guidelines require health risk assessment for chemicals identified as Appendix A-I Substances per AB 2588 regulations. This section provides descriptions of the facility, applicable plant processes, pollutants of concern, and emission estimates.

3.1. FACILITY DESCRIPTION

Bowman operates a 102,000 square foot industrial plant that is located at 2631 East 126th Street in Compton, California. In general, the local topography around the plant is flat terrain within an urban environmental setting. The facility is located in an unincorporated area of Willowbrook city under the jurisdiction of Los Angeles County. As shown by Figure 2 – Vicinity Map, Bowman's facility boundary is located on 126th Street and East Alameda Street. A site plot of the facility including, facility boundary, building heights and emission sources are identified on Figure 3a and 4. Bowman is located in an unincorporated area of Los Angeles County, also referred to as Willowbrook. As shown on Figure 5a, per Los Angeles County Department of Regional Planning, the immediate areas surrounding the facility is zoned for M-1 and extends north to 124th Street and south to 127th Street. Per county requirements, zone M-1 is light manufacturing with permitted uses for light manufacturing and prohibitions for residential and school uses. However, as shown on Figure 5b, some portions of the immediate surrounding areas are currently mixed uses that include residential homes combined with industrial uses, which do not conform with the designated county zoning.

3.2. PROCESS DESCRIPTION

Bowman provides various metal finishing capabilities for aerospace customers and products, including, plating, anodizing, spray coatings and others. For purposes of this HRA, the primary air toxic emission sources for Bowman's operations are as follows: (4) Spray Booths; (1) Natural gas dryers; (3) Natural gas boiler; (4) Ovens; and (3) Metal process tanks. Emissions of regulated air toxics from Bowman's operations result from pigments and volatiles from liquid spray coating operations, volatiles from metal finishing processes and products of natural gas combustion. Per the requirements of SCAQMD regulations and applicable operating permits, Bowman utilizes HEPA filter systems to control emissions of regulated air toxics, which provide at least 99.97% emission reductions. Emission rates for each modeled source for this HRA are provided on Table 2, which include source names, CAS numbers for chemicals, maximum hourly emissions and annual average emissions. Emission rates are based on revised AER submittal for 2013.

3.2.1. Spray Booths

Bowman operates four (4) permitted SCAQMD spray booths (Permit Nos. F42974, F95562, F95563, and F95564). Refer to Figure 4 for the location of the spray booths. These spray booths apply liquid coatings per customer specifications, some of which contain regulated AB 2588 chemicals. The principal toxic of concern from these spray booths is hexavalent chromium that exists within chromated pigments, such as strontium chromate, barium chromate and others. Pigments can be emitted from the spray booths due to the overspray of coatings onto aerospace parts and components, which are then exhausted through existing roof top vertical stacks. Each of the spray booths are currently equipped with HEPA filter systems which reduces the emitted particulate emissions by a minimum of 99.97%.

3.2.2. Metal Process Tanks

Bowman operates three (3) main metal processing tanks, including cadmium, chrome anodizing and nickel strike, which are permitted by the SCAQMD (Permit Nos. D56896, F42852, and G21426). Refer to Figure 4 for the location of the metal processing tanks. Chrome anodizing is located in Building 3 (refer to Figure 3). Cadmium and nickel strike is located in Building 7. Based on aerospace specifications, different metal aerospace parts are anodized or treated with chemicals for required specifications. The chrome anodizing tank has a covered hood. During active anodizing, the hood covers the tank with openings on the north and south of the tank. Air is pulled from one of the opening and vents to a HEPA filter system which reduces the emitted particulate emissions by a minimum of 99.97%. The cadmium tank is vented through a stack. The nickel tank is open surface.

3.2.3. Combustion Sources

Bowman operates several natural gas sources which are permitted and exempted. Sources include four (4) ovens, one (1) dryer and three (3) permit exempt boilers. Equipment permitted with the SCAQMD have permit numbers F98451, F42818, F42817, and F98450. AB 2588 chemicals are emitted from the combustion of natural gas from these sources. Air toxic emissions from natural gas combustion are principally benzene, formaldehyde, ammonia, naphthalene, PAHs, acetaldehyde, acrolein, propylene, toluene, xylene, ethyl benzene, and hexane. Emission factors for natural gas combustion are based on Ventura County Air Pollution Control District's AB 2588's Combustion Emission Factors.

3.3. EMISSIONS INVENTORY

For purposes of this HRA, Trinity utilized emissions and other information as identified on Bowman's corrected SCAQMD 2013 AER. Based on this AER, emission calculations applied emission factors for estimations of pigment loss and volatiles from spray booth operations, volatile emissions from metal finishing and default AB 2588 air toxic emission factors for natural gas combustion. These processes were modeled as point sources that operate continuously during normal business hours, which are typically up to 18 hours per day, Monday through Friday, Saturday (half-day), and approximately 49 weeks per year. Based on the corrected AER and estimated operating schedules, modeling emission rates were developed for maximum hourly and annual average for each pollutant of concern (refer to Table 2).

3.4. CHEMICALS OF INTEREST

Per OEHHA guidelines, the modeled chemicals in this HRA from the facility emission sources were identified from AB 2588 Appendix A-I list of substances. Collectively, the facility's sources emit acetaldehyde, acrolein, benzene, cadmium, hexavalent chromium, ethyl benzene, formaldehyde, hexane, naphthalene, nickel, polyaromatic hydrocarbons, propylene, toluene and xylene, which were identified from the listed Appendix A-I substances. Chemical profile of these air toxics are well established by OEHHA and regulatory authorities, such as physical characteristics, general uses, and toxicity information. As shown by Tables 3a and 3b, of the 14 identified AB 2588 emitted substances, 8 substances have carcinogenic impacts, 13 substances have chronic noncancer hazard impacts, and 6 substances have acute noncancer hazard impacts.

Target organs for the acute and chronic noncancer health effects are as follows: central nervous system (CNS), kidney, alimentary liver system (AL), reproductive system (REPRO), respiratory system (RESP), eye, developmental (DEVEL), endocrine system (ENDO), immune system (IMMUN), and hematopoietic system (HEM).

4. EXPOSURE ASSESSMENT

In this step of HRA development, exposure assessment involves estimating the extent of public exposure to each regulated substance for which there exists potential cancer risk and/or noncancer health hazard effects. This involves modeling of environmental transport, evaluation of environmental fate, identification of exposure routes, identification of exposed populations, and estimation of short-term and long-term exposure levels.

This section describes air dispersion modeling and associated parameters used to estimate the potential for human exposure to the AB2588 emissions from this facility, including: (1) summarize and describe the source information and emission estimates used in the environmental transport models; (2) describe potentially exposed populations; (3) describe the assumptions used in the air dispersion and Assessment of Chemical Exposure (HARP) model; and (4) identify primary methodologies for calculating health risk impacts.

4.1. AIR DISPERSION MODELING

Air dispersion modeling is used to estimate off-site air concentrations of chemicals associated with facility emissions. For this HRA, Trinity used the most recent AERMOD version 7.9, which is based on the American Meteorological Society (AMS)/EPA Regulatory Model (AERMOD) version 14134. Developed to replace the Industrial Source Complex Short-Term Version 3 (ISCST3) model, AERMOD is a steady-state Gaussian plume model that can be used to assess ground level pollutant concentrations from a wide variety of sources (point, line, area or volume) for distances up to approximately 50 km, including urban and rural terrains. AERMOD can calculate ground level concentrations for various averaging periods, such as acute short term exposures (1-hour averaging), chronic long term exposures (annual averages) or other required meteorological data periods (i.e., 3-hour, 8-hour, 24-hour). The assumptions used for this model are discussed in more detail below.

4.1.1. Model Options

For this HRA, SCAQMD recommends single and multi-source dispersion modeling in urban or rural areas with "simple terrain" (flat or gently rolling, with ground elevations below the pollutant release heights), which is typical of the area immediately surrounding the facility. The following AERMOD model options were used in the modeling analysis:

- AERMOD Version — 14134
- HARP On-Ramp — Version 1
- HARP — Version 1.4f
- Projection — Universal Transverse Mercator (UTM)
- Datum — World Geodetic System 1984
- UTM Zone — 11
- Hemisphere — Northern
- Selection — Hourly and Period
- AERMOD File — .AMI and .AMZ
- AERMOD Output File — Plot File by Source

The following default model options were used in accordance with SCAQMD guidelines:

- Use regulatory default? — Yes
- Urban or Rural? — Urban
- Gradual plume rise? — No
- Stack-tip downwash? — Yes
- Buoyancy-induced dispersion? — Yes

- Calms processing? No
- Missing data processing? No
- Include building downwash? Yes
- Lowbound option? No

All the point sources at the facility are identified on various manufacturing buildings (refer to Figure 4). To determine noncarcinogenic acute health hazards, AERMOD model calculated ground level concentrations for the maximum 1-hour averaging period. To determine noncarcinogenic chronic health hazards and carcinogenic health impacts, AERMOD model calculated ground level concentrations for the annual average period.

4.1.2. Source Parameters

Based on current facility operations and reported emissions, modeling sources were identified for purposes of this HRA. Modeling sources are generally identified as point, line, volume or area sources. For purposes of this HRA, the majority of the emission sources for this facility are point sources. Table 2 identifies each modeled source, which also provides maximum 1-hour and annual average emission rates by each source and regulated chemical. In addition, Table 4 contains the key parameters that were applied to for applicable emission sources, which includes source ID, source name, UTM coordinates, rain cap, base elevation, heights, stack velocity, stack temperature, operating hours and operating days. For inputted sources, AERMOD calculates ground level concentrations based on inputted source-specific parameters, including the emission rate, stack height, stack inside diameter, stack exit velocity, and stack gas temperature. As previously discussed above, all relevant emissions source parameters that were applied for this model is presented in the attached tables.

4.1.3. Receptors

According to SCAQMD and OEHHA guidance, HRAs must provide a detailed analysis of the potentially exposed population. This analysis includes identification of the maximum exposed individuals (MEIs) for nearby workers (MEIW) and residences (MEIR), identification of sensitive receptors within the ZOI, identification of fence line receptors, and evaluation of potential population impacts within the ZOI. As required, various receptor locations were inputted into AERMOD which covered the property fenceline, nearby residences and workers, sensitive receptors and census blocks. Additional detail for each receptor type is provided as follows:

- Fenceline - As required, fence line receptors were defined at 20-meter increments along the property border, in accordance with SCAQMD guidelines for facilities occupying less than 4 acres. Figure 3 shows the fenceline for this HRA. The fenceline boundary UTM coordinates are located on Table 6a. The fenceline grids are identified as receptors 2247-2273.
- Nearby Residences and Workers (Cartesian Grid) - The general locations of potential MEIs were determined based on the location of sources and the surrounding land use (Figure 2). The nearest immediate residential receptors are located west of the facility boundary and across 126th Street to south of the facility. Worker receptors from nearby commercial and industrial land uses are located immediately north and east of the facility boundary. As required by the SCAQMD, receptor grid points must be spaced at 20 meter increments out to 200 meters and 50 meters spacing from 201 meter to 1000 meters. Figure 5 shows the surrounding land uses within the immediate vicinity of the facility. The Cartesian grid receptors are identified as receptors 1-2017.
- Sensitive Receptors - In accordance with SCAQMD and OEHHA guidance, sensitive receptors must be identified within the ZOI, such as K-12 schools, hospitals, nursing/convalescent homes, daycares and senior centers. As applicable, to determine the location of nearby sensitive receptors within the ZOI, Trinity reviewed applicable public sources of information and databases, including, Google and online search. Sensitive receptors are identified as receptors 2018-2164. A breakdown of the sensitive receptors are identified in Table 6b.

- Census Block Receptors - AB2588 also requires an estimates of the number of impacted individuals in residences and off-site workplaces within the ZOI. Census data is used to determine affected populations within geographic areas defined by census tracts. A census tract centroid (geographical center) is identified as a receptor location, which represents exposure to the population within that census tract. For this HRA, affected populations were estimated based on census data from Calendar Year 2010, as published by the United States Census Bureau. Figure 6a and 6b shows the impacted census tracts for this HRA. Census tract information were obtained directly from HARP dispersion modeling by inputting the facility center and a distance of 1000 meters. The receptors were inputted into AERMOD and are identified as receptors 2165-2246.

4.1.4. Building Downwash

The purpose of this evaluation is to determine if stack discharge might become caught in the turbulent wakes of structures within close proximity. Wind blowing around a building creates zones of turbulence that are greater than if the building was absent. The USEPA-approved Building Profile Input Program PRIME (BPIP-PRIME) was used to simulate the building downwash, which is the effect of nearby structures on the flow of the plumes from their respective emission sources. U.S. EPA has promulgated stack height regulations that restrict the use of stack heights in excess of "Good Engineering Practice" (GEP) in air dispersion modeling analyses.[1] Under these regulations, that portion of a stack in excess of the GEP height is generally not creditable when modeling to determine source impacts. This essentially prevents the use of excessively tall stacks to reduce the ground-level pollutant concentrations. The stack height not subject to the effects of downwash, called the GEP stack height, is defined by the following formula:

$$H_{GEP} = H + 1.5L$$

Where:
H_{GEP} = GEP stack height,
H = structure height, and
L = lesser dimension of the structure (height or projected width).

This equation is limited to stacks located within 5L of a structure. Stacks located at a distance greater than 5L are not subject to the wake effects of the structure. If there is more than one stack at a given facility, the above equation must be successively applied to each stack. If more than one structure is involved, the equations must also be successively applied to each structure. To calculate downwash effects, if any, building coordinates and height of nearby structures were inputted into BPIP-PRIME and can be seen on Table 6. A total of eight (8) facility buildings and a total of seven (7) external buildings were modeled for building downwash. Figure 3b shows a model plan of the boundary, buildings, and sources.

4.1.5. Meteorological and Elevation Data

Three years of pre-processed meteorological data supplied by the SCAQMD was used in this analysis, which consisted of data from a surface station in Compton, California (Station #91919)[2]. The Compton station includes completeness for years 2009, 2010 and 2012. The elevation of the station is 22 meters and an upper station number of 3190. Given the flat terrain of the area and station's proximity to the facility, data from this monitoring station provides the best available estimate of local facility meteorological conditions. The surface file (cmpt8.sfc) and profile file (compt8.pfl) were inputted into AERMAP and processed with all receptors and sources. Terrain data was obtained from the United States Geological Survey (USGS) with a large extent. The tif file (00206861.tif) was loaded into AERMAP and processed with all receptors and sources.

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[1] U.S. Environmental Protection Agency, Good Engineering Practice Stack Height Regulations, October 1988
[2] http://www.aqmd.gov/home/library/air-quality-data-studies/meteorological-data/aermod-table-1

4.2. ASSESSMENT OF CHEMICAL EXPOSURE

SCAQMD requires that all AB2588 HRAs be prepared using the HARP model. The most recent version of HARP (version 1.4f) and HARP On-Ramp (version 1) was used to prepare this HRA. The health risk module of HARP incorporates the current OEHHA guidelines, exposure factors and most recent toxicity values for modeled substances. HARP On-Ramp was developed as a tool to allow the use of AERMOD output files with HARP.

4.2.1. HARP Analysis

AERMOD estimates off-site ambient air concentrations for each averaging period (i.e., 1-hour, annual average, etc.) based on source parameters and a normalized emission rate (1 gram/sec) from each emission source. The AERMOD output provides a theoretical concentration based on this normalized emission rate for each chemical at each receptor location from each source. This normalized emission rate for each source was used to generate a file that contained the partial contribution of each source to the total air concentration in units of micrograms per cubic meter (μg/m3) at each receptor. This AERMOD model output file was used as an input file to the HARP model, which combined the partial contributions with actual source emission rates to estimate the chemical-specific air concentrations at each receptor location. HARP sums up the contribution from each source at a given receptor in order to estimate the total pollutant concentration for each emitted chemical. HARP also contains updated toxicity information (cancer potency, RELs, etc.) for listed regulated substances, which are applied to estimate cancer and noncancer health hazard impacts for relevant exposure pathways and applicable target organs.

As required, the HARP model input and output files were submitted with this HRA report in electronic format, which included the following: (1) AERMOD input file; (2) AERMOD annual and 1-hour output plot files; (3) HARP output source-receptor file(*.SRC); and (4) HARP output X/Q summary file (*.XOQ).

4.2.2. Exposure Pathways

Exposure pathways are generally classified as primary pathways and secondary pathways. Inhalation is the primary exposure pathway for all modeled sources and substances. For multipathway substances, there are non-inhalation exposure pathways that should also be evaluated. As applicable, the non-inhalation pathways include dermal exposure, water ingestion, crop ingestion (direct deposition), soil ingestion, ingestion of mother's milk, fish and dairy products or other.

In general, most air toxics assessed under the Hot Spots program are volatile organic compounds that remain as gases when emitted into the air. These volatile chemicals are not subject to appreciable deposition to soil, surface waters or plants. Therefore, human exposure does not normally occur to any appreciable extent via ingestion or dermal exposure. Rather, the primary exposure pathway to these volatiles occurs through the inhalation pathway. A small subset of regulated substances, i.e. semi-volatile organic and metals, is emitted partially or totally as particles subject to deposition. In these cases, ingestion and dermal pathways as well as the inhalation pathway must be evaluated.

Based on SCAQMD guidelines, in addition to the inhalation pathway, residential cancer risk for multipathway substances evaluated the following exposure pathways: home grown produce (fraction = .052), dermal absorption, soil ingestion (deposition rate = 0.02 m/s), and mother's milk. In addition to the inhalation pathway, worker cancer risks for multipathway substances were modeled with the pathways of dermal absorption and soil ingestion (deposition rate = 0.02 m/s). The water ingestion pathway was not considered since the drinking water supply in the vicinity is not derived from local surface water. The exposure pathways of ingesting fish, dairy, animal, and agricultural product are negligible in the facility's zone of impact (ZOI).

4.2.3. Carcinogenic Health Impacts

In accordance with the SCAQMD and OEHHA guidance, cancer risk estimates based on the theoretical upper-bound excess cancer risk were evaluated for the MEIR, MEIW and PMI. The guidelines also require cancer risk to be evaluated for affected sensitive receptors and populations within the zone of impact.

The HARP model computes the total excess cancer risk from both inhalation and noninhalation pathways at each receptor location. For example, the inhalation risk for each pollutant at a receptor location is calculated by multiplying the inhalation dosage by its cancer potency factor (example below). The estimated risks for individual substances emitted by the facility are added to provide the total excess cancer risk for individual receptor locations. For inhalation exposures, the theoretical upper-bound excess cancer risk is estimated assuming that an individual is exposed continuously to the annual average air concentrations over a 70-year lifetime. Once these annual average air concentrations are estimated for each receptor, the excess cancer risk is calculated for the carcinogenic effects using the following generalized equation:

$$\text{Cancer Risk} = \text{Dose} \times \text{CP} \times \text{LEA}$$

Where:

Cancer Risk = Theoretical upper bound lifetime cancer risk
Dose = Inhalation Dose (mg/kg-day)
CP = Cancer Potency (or Unit Risk Factor) $(\text{mg/kg-day})^{-1}$
LEA = Lifetime Adjustment Factor (or exposure duration factor), if applicable

For residential and sensitive receptors, LEA equals 1.0 which assumes a lifetime exposure of 70 years. At a minimum, the HRA must show the results of cancer risk assuming a 70 year exposure duration for all residential (and sensitive) receptors. If requested, HRA results for 9- and 30-year exposure durations may also be presented as per OEHHA guidelines.

In the case of worker receptors, exposure durations can be reduced to account for a 40-year exposure period (rather than 70 years) depending upon the type of worker. OEHHA guidelines provide adjustment factors for inhalation risks for offsite workers. For the typical full time, non-teacher worker (18 hrs/day, 5.5 days/week), OEHHA guidelines provide an adjustment of 1.9 to inhalation rates based on high-end breathing rates point estimates. HARP model incorporates the above guidance into its calculations.

4.2.4. Noncarcinogenic Health Impacts

Potential noncarcinogenic health effects (acute HI and chronic HI) associated with exposure to chemical emissions have been evaluated using the HARP model. Acute and chronic health hazards for different substances impact different target human organs (e.g., central nervous system, reproductive system, liver, etc.). For inhalation exposures, the model divides the predicted average air concentrations for each chemical at the receptor locations by the appropriate inhalation RELs provided by the SCAQMD and OEHHA. These ratios are chemical-specific to the chronic or acute hazard quotients.

Noncarcinogenic health effects were also evaluated in terms of their assumed potential additive effect on target organs or systems. For inhalation exposures, the target organ-specific HI is the sum of the individual hazard quotients for each chemical affecting a specific target organ, as shown below:

$$\text{Hazard Index (HI)}_{\text{Organ}} = \sum [\text{GLC}/\text{REL}_{\text{Organ}}]_{\text{Chemical}}$$

Where:

GLC = Ground level air concentration at a receptor location ($\mu g/m^3$)
REL = Reference Exposure Level ($\mu g/m^3$)

In the case of a multipathway pollutant (i.e., pollutants with noninhalation exposures), health risk impacts take into account the additional noncancer risks associated with noninhalation routes of exposure from certain pollutants.

5. RISK CHARACTERIZATION

The risk characterization section discusses the results of the modeling, including, noncancer health hazards, carcinogenic health hazards, zones of impact, maximum exposures, cancer burden calculations and affected populations. The following summarizes the key modeling parameters and results from this HRA.

5.1. ZONE OF IMPACT

As required, modeling receptor points were identified to include the property fence line, nearby workers and local residential neighborhoods (see Figure 5). In addition, any sensitive receptors within the ZOI were identified, plus nearby census tract centroid receptors (see Figure 6b for ZOI residential cancer risk). The ZOI is commonly defined as the area surrounding the facility where receptors have a potential cancer risk equal or greater than 1 in 1 million, acute hazards equal or greater than 0.5, or chronic hazards equal or greater than 0.5. Note that acute and chronic hazards are under 0.5, which does not meet the minimum requirement for ZOI. Instead, lower thresholds were shown for the purposes of illustration. The ZOI is defined once the air dispersion modeling process has determined the pollutant concentrations at each designated off-site receptor and a risk analysis has been performed. The results from the HARP model provides the information necessary to identify the ZOI by generating the associated risk isopleths (i.e., a geographical presentation of areas of equal risk). Maps depicting the ZOIs for this HRA are provided in Figures 8a, 8b, 8c, 9a, 9b and 9c.

5.2. CARCINOGENIC HEALTH EFFECTS

5.2.1. Point of Maximum Impact (PMI)

Results for the PMI by each pollutant and by each source are presented in Tables 7a and 7b. As shown in Figure 7a, the PMI (Receptor #2255, UTM 386792E 3753792N) for carcinogenic health effects is located on the facility fence line (northeast side of property) with a predicted excess cancer risk of 4.45×10^{-05}. Hexavalent chromium is the highest contributing pollutant for cancer risk, which is estimated to be 99%. The largest contributing source to the PMI are collectively the spray booths (Sources 1-7), which is estimated to be 98%.

5.2.2. Maximum Exposed Individual Resident (MEIR)

Estimated excess cancer risks for the MEIR by each pollutant and by each source are presented in Tables 8a and 8b. As shown in Figure 7a, the highest cancer risk of 1.10×10^{-05} for residential exposure is located at receptor #264, UTM 386790E 3753732N. Hexavalent chromium is the highest contributing pollutant to cancer risk, which is estimated to be 98% of the total risk. The primary source contributor are the spray booths (Sources 1-7), which is collectively estimated to be 98% of the total cancer risk. Based on this HRA, the MEIR is below the action risk level of 25 in 1 million as per SCAQMD Rule 1402. For reference, Figure 8a presents the cancer risk isopleths identifying the ZOI for residential modeling scenarios.

The MEIR value is above the level (1×10^{-5} or ten-in-one million) at which the SCAQMD requires the distribution of public notices pursuant Rule 1402. However, the area of isopleth exceeding ten-in-one million encompasses approximately six (6) residential properties (see Figure 11). Census tracts were included in the zone of impact (ZOI), e.g., boundary in which the lifetime cancer risk is greater than 1×10^{-6}. Census maps are shown on Figures 6a and 6b. One sensitive location was located within the ZOI with a carcinogenic risk of 1.70×10^{-06} (see Figure 10). Additional sensitive receptors were modeled, however these locations were located outside of the cancer ZOI.

5.2.3. Maximum Exposed Individual Worker (MEIW)

Estimated excess cancer risks for the MEIW by each pollutant and by each source are presented in Tables 9a and 9b. As shown in Figure 7a, the highest cancer risk of 1.67×10^{-05} for worker exposure is located at receptor #2255, UTM 386792E 3753792N, which is the fenceline. The nearest commercial receptor is approximately 5 meters northeast of the facility boundary and the next nearest receptor is 20 meters and risk drops significantly. Hexavalent chromium is the highest contributing pollutant to cancer risk, which is estimated to be 98% of the total risk. The primary source contributor are the spray booths (Sources 1-7), which are collectively estimated to be 98% of the total cancer risk. Based on this HRA, the MEIW is below the action risk level of 25 in 1 million as per SCAQMD Rule 1402. For reference, Figure 9a presents the cancer risk isopleths identifying the ZOI for worker modeling scenarios.

The MEIW value is above the level (1×10^{-5} or ten-in-one million) at which the SCAQMD requires the distribution of public notices pursuant Rule 1402. The estimated isopleth area exceeding ten-in-one million encompasses approximately one (1) commercial lot North of the facility with four addresses (see Figure 12). The nearest commercial property is approximately 5 meters northeast of the facility boundary and the next nearest receptor is 20 meters.

5.2.4. Sensitive Receptors

The closest sensitive receptor to the facility is Dr. Ralph Bunche Middle School, which is approximately 200 meters north of the facility. 20 meter receptors were placed around the boundary of the school and the highest cancer risk is estimated at 1.70×10^{-06} (see Figure 10). Additional sensitive receptors were modeled, however these locations were located outside of the ZOI.

5.2.5. Population Cancer Burden

Population cancer burdens were calculated for affected populations within the ZOI. Cancer burden is calculated by multiplying residential cancer risk by the estimated affected residential population based on data from the U.S. Census Bureau (refer to Table 5). Census tract receptors were obtained from HARP, however for the purposes of this HRA, the highest cancer risk in each census tract was multiplied by the estimated population within our ZOI. In this case, the total cancer burden for the affected population is estimated to be 0.027, which is below the SCAQMD Rule 1402 action risk level of 0.5.

5.3. NONCANCER CHRONIC HEALTH EFFECTS

5.3.1. Point of Maximum Impact (PMI)

Results for the PMI by each pollutant and by each source are presented in Tables 10a and 10b. The PMI (Receptor #2255, UTM 386792E 3753792N) for chronic noncancer health effects is located on the facility fence line (northeast side of property) with a predicted excess chronic hazard of 1.96×10^{-01}. Nickel is the highest contributing pollutant noncancer HIC, which is estimated to be 96%. The largest contributing source to the PMI is the Source 18 nickel strike tank, which is estimated to be 96%.

5.3.2. Maximum Exposed Individual Resident (MEIR)

Noncancer HIC for the MEIR by each pollutant and by each source are presented in Tables 11a and 11b. As shown Figure 7b, the highest HIC of 2.72×10^{-02} for residential exposure is located at receptor #264, UTM 386790E 3753732N. Nickel is the highest contributing pollutant to the HIC, which is estimated to be 95% of the total noncancer HIC. The primary source contributor is the Source 18, nickel strike tank, which is estimated to be 95% of the total noncancer HIC. Based on this HRA, the MEIR is below the action risk level of 3.0 as per SCAQMD Rule 1402. In addition, there are no residential receptors which require public notice under applicable

SCAQMD rules. For reference, Figure 8b presents the HIC isopleths identifying the ZOI for residential modeling scenarios. Note that there are no risk levels that exceed 0.5, however an isopleth was created at the highest risk level for illustration purposes only.

5.3.3. Maximum Exposed Individual Worker (MEIW)

Noncancer HIC for the MEIW by each pollutant and by each source are presented in Tables 12a and 12b. As shown by Figure 7b, the highest HIC of 1.96×10^{-01} for worker exposure is located at Receptor #2255, UTM 386792E 3753792N. Nickel is the highest contributing pollutant to the HIC, which is estimated to be 96% of the total noncancer HIC. The primary source contributor is the nickel strike tank (Source 18), which is estimated to be 96% of the total noncancer HIC. Based on this HRA, the MEIW is below the action risk level of 3.0 as per SCAQMD Rule 1402. In addition, there are no worker receptors which require public notice under applicable SCAQMD rules. For reference, Figure 9b presents the HIC isopleths identifying the ZOI for worker modeling scenarios. Note that there are no risk levels that exceed 0.5, however an isopleth was created at the highest risk level for illustration purposes only.

5.3.4. Sensitive Receptors

The closest sensitive receptor to the facility is Dr. Ralph Bunche Middle School, which is approximately 200 meters north of the facility. 20 meter receptors were placed around the boundary of the school as receptor points. The noncancer chronic ZOI does not impact any sensitive receptors.

5.4. NONCANCER ACUTE HEALTH EFFECTS

5.4.1. Point of Maximum Impact (PMI)

Results for the PMI by each pollutant and by each source are presented in Tables 13a and 13b. As shown by Figure 7c, the HIC at the PMI is estimated to be 6.87×10^{-02}. Nickel is the highest contributing pollutant noncancer HIC, which is estimated to be 88%. The largest contributing source to the PMI is the nickel strike tank (Source 18), which is estimated to be 88%.

5.4.2. Maximum Exposed Individual Resident (MEIR)

Noncancer HIA for the MEIR by each pollutant and by each source are presented in Tables 14a and 14b. As shown in Figure 7c, the highest HIA of 4.69×10^{-02} for residential exposure is located at receptor #246, UTM 386770E 3753732 N. Nickel is the highest contributing pollutant to the HIA, which is estimated to be 75% of the total noncancer HIA. The primary source contributor is the nickel strike tank (Source 18), which is estimated to be 75% of the total noncancer HIA. Based on this HRA, the MEIR is below the action risk level of 3.0 as per SCAQMD Rule 1402. In addition, there are no residential receptors which require public notice under applicable SCAQMD rules. For reference, Figure 8c presents the HIC isopleths identifying the ZOI for residential modeling scenarios. Note that there are no risk levels that exceed 0.5, however an isopleth was created at the highest risk level for illustration purposes only.

5.4.3. Maximum Exposed Individual Worker (MEIW)

Noncancer HIA for the MEIW by each pollutant and by each source are presented in Tables 15a and 15b. As shown in Figure 7c, the highest HIA of 6.87×10^{-02} for worker exposure is located at receptor #2255, UTM 386792E 3753792N. Nickel is the highest contributing pollutant to the HIA, which is estimated to be 88% of the total noncancer HIA. The primary source contributor is the nickel strike tank, which is estimated to be 88% of the total noncancer HIA. Based on this HRA, the MEIW is below the action risk level of 3.0 as per SCAQMD Rule

1402. In addition, there are no worker receptors which require public notice under applicable SCAQMD rules. For reference, Figure 9c presents the HIA isopleths identifying the ZOI for worker modeling scenarios. Note that there are no risk levels that exceed 0.5, however an isopleth was created at the highest risk level for illustration purposes only.

5.4.4. Sensitive Receptors

The closest sensitive receptor to the facility is Dr. Ralph Bunche Middle School, which is approximately 200 meters north of the facility. 20 meter receptors were placed around the boundary of the school as receptor points. The noncancer acute ZOI does not impact any sensitive receptors.

6. REFERENCES

(1) Office of Environmental Health Hazard Assessment (OEHHA), California Environmental Protection Agency, Toxicity Criteria Database, http://www.oehha.ca.gov/risk

(2) Office of Environmental Health Hazard Assessment (OEHHA), The Air Toxics Hot Spots Program Guidance Manual for Preparation of Health Risk Assessments, August 2003

(3) South Coast Air Quality Management District (SCAQMD), Supplemental Guidelines for Preparing Risk Assessments for the Air Toxics "Hot Spots" Information and Assessment Act (AB 2588): Stationary Source Compliance, June 2011, Diamond Bar, CA

(4) California Environmental Protection Agency, Air Resources Board, 2003, HARP User Guide, Stationary Source Division, Sacramento, CA

(5) United States Census Bureau, the 2010 Census, http://www.factfinder.census.gov

(6) Google Earth, http://www.earth.google.com

TABLES

TABLE ES-1

HEALTH RISK ASSESSMENT SUMMARY FORM

Facility Name : **Bowman Plating Co. Inc.**

Facility Address: **2631 East 126th Street**
Compton, CA 90222

Type of Business: **Metal Finishing, Anodizing, Plating, NDT, Coating & Paint**

SCAQMD ID No.: **18989**

A. Cancer Risk*

(One in a million means one chance in a million of getting cancer from being constantly exposed to a certain level of a chemical over 70 years)

1. Inventory Reporting Year : **2013**
2. Maximum Cancer Risk to Receptors :

a. Offsite	44.50	in a million	Location:	**386792E ; 3753792N (Fenceline)**
b. Residence	11.00	in a million	Location:	**386790E ; 3753732N**
c. Worker	16.70	in a million	Location:	**386792E ; 3753792N (Fenceline)**

3. Substances Accounting for 90% of Cancer Risk: **Hexavalent Chromium**
   Processes Accounting for 90% of Cancer Risk: **Spray Operation**

4. Estimated Population Exposed to Specific Risk Levels (including worker population)

a. 1 to <10 in a million	**2878**
b. 10 to <100 in a million	**12**
c. 100 to <1000 in a million	**0**
d. >=1000 in a million	**0**
e. Total >= 1 in a million	**2890**

5. Cancer Burden: **0.02700** (including worker population)
   Cancer Burden = (cancer risk) x (no. of people exposed to specific cancer risk)
6. Maximum Distance to Edge of 1 x 10^{-6} Cancer Risk Isopleth (meters) **1133**
7. Screening Cancer Risk to Most Exposed Individual
   a. Residence (without silica) _____
   b. Residence (silica only) _____

B. Hazard Indices*

[Long Term Effects(chronic) and Short Term Effects (acute)]
(non-carcinogenic impacts are estimated by comparing calculated concentration to identified reference exposure levels, and expressing this comparison in terms of a "Hazard Index")

1. Maximum Chronic Hazard Indices:

a. Residence HI:	**2.72E-02**	Location:	**386790E : 3753732N**	Health Effects:	**See Table 3**
b. Worker HI :	**1.96E-01**	Location:	**386792E ; 3753792N (Fenceline)**	Health Effects:	**See Table 3**

2. Substances Accounting for 90% of Chronic Hazard Index: **Nickel**
3. Maximum Acute Hazard Indices:

a. Residence HI:	**4.69E-02**	Location:	**386770E : 3753732N**	Health Effects:	**See Table 3**
b. Worker HI :	**6.87E-02**	Location:	**386792E ; 3753792N (Fenceline)**	Health Effects:	**See Table 3**

4. Substances Accounting for 90% of Acute Hazard Index: **Nickel**

*Provide Tables listing contribution of each substance to Cancer Risk, Acute HI, and Chronic HI.

TABLE 1. SUMMARY OF HEALTH RISK RESULTS

Bowman Plating Company, Compton, CA
Facility ID #18989

Receptor Description	Grid ID	Cancer Risk	Grid ID	Chronic Hazard Index	Grid ID	Acute Hazard Index
PMI (Point of Max Impact)	2255	4.45E-05	2255	1.96E-01	2255	6.87E-02
MEIR (Residence)	264	1.10E-05	264	2.72E-02	246	4.69E-02
MEIW (Worker)	2255	1.67E-05	2255	1.96E-01	2255	6.87E-02

Notes:

[1] Chronic hazard index is presented for the respiratory system. Hazard indices for all other target organ systems evaluated were significantly lower.

[2] Acute hazard index is presented for the respiratory system. Hazard indices for all other target organ systems evaluated were significantly lower.

TABLE 2. EMISSION RATE BY SUBSTANCE AND SOURCE

Bowman Plating Company, Compton, CA
Facility ID #18989

Device ID	Source Name	Substance Name	CAS No.	1-Hour Maximum (lb/hr)	1-Hour Maximum (g/s)	Annual Average (lb/yr)	Annual Average (g/s)
1	Spray Booth 1	Hexavalent Chromium	18540-29-9	7.32E-06	9.22E-07	3.55E-02	6.91E-07
2	Spray Booth 2	Hexavalent Chromium	18540-29-9	7.32E-06	9.22E-07	3.55E-02	6.91E-07
3	Spray Booth 3	Hexavalent Chromium	18540-29-9	7.32E-06	9.22E-07	3.55E-02	6.91E-07
4	Spray Booth 4-1	Hexavalent Chromium	18540-29-9	1.83E-06	2.31E-07	8.87E-03	1.73E-07
5	Spray Booth 4-2	Hexavalent Chromium	18540-29-9	1.83E-06	2.31E-07	8.87E-03	1.73E-07
6	Spray Booth 4-3	Hexavalent Chromium	18540-29-9	1.83E-06	2.31E-07	8.87E-03	1.73E-07
7	Spray Booth 4-4	Hexavalent Chromium	18540-29-9	1.83E-06	2.31E-07	8.87E-03	1.73E-07
8	Dryer	Benzene	71-43-2	3.56E-06	4.49E-07	1.73E-02	3.37E-07
		Formaldehyde	50-00-0	7.57E-06	9.54E-07	3.67E-02	7.15E-07
		PAH's	1151	1.78E-07	2.24E-08	8.64E-04	1.68E-08
		Naphthalene	91-20-3	1.34E-07	1.68E-08	6.48E-04	1.26E-08
		Acetaldehyde	75-07-0	1.91E-06	2.41E-07	9.29E-03	1.81E-07
		Acrolein	107-02-8	1.20E-06	1.51E-07	5.83E-03	1.14E-07
		Propylene	115-07-1	3.25E-04	4.10E-05	1.58E+00	3.08E-05
		Toluene	108-88-3	1.63E-05	2.05E-06	7.91E-02	1.54E-06
		Xylene	1330-20-7	1.21E-05	1.53E-06	5.88E-02	1.14E-06
		Ethyl Benzene	100-41-4	4.23E-06	5.33E-07	2.05E-02	4.00E-07
		Hexane	110-54-3	2.81E-06	3.53E-07	1.36E-02	2.65E-07
9	Boiler 1	Benzene	71-43-2	8.33E-06	1.05E-06	4.04E-02	7.87E-07
		Formaldehyde	50-00-0	1.77E-05	2.23E-06	8.58E-02	1.67E-06
		PAH's	1151	4.16E-07	5.25E-08	2.02E-03	3.93E-08
		Naphthalene	91-20-3	3.12E-07	3.93E-08	1.51E-03	2.95E-08
		Acetaldehyde	75-07-0	4.48E-06	5.64E-07	2.17E-02	4.23E-07
		Acrolein	107-02-8	2.81E-06	3.54E-07	1.36E-02	2.66E-07
		Propylene	115-07-1	7.61E-04	9.59E-05	3.69E+00	7.19E-05
		Toluene	108-88-3	3.81E-05	4.80E-06	1.85E-01	3.60E-06
		Xylene	1330-20-7	2.83E-05	3.57E-06	1.37E-01	2.68E-06
		Ethyl Benzene	100-41-4	9.89E-06	1.25E-06	4.80E-02	9.34E-07
		Hexane	110-54-3	6.56E-06	8.26E-07	3.18E-02	6.20E-07

TABLE 2. EMISSION RATE BY SUBSTANCE AND SOURCE

Bowman Plating Company, Compton, CA
Facility ID #18989

Device ID	Source Name	Substance Name	CAS No.	1-Hour Maximum (lb/hr)	1-Hour Maximum (g/s)	Annual Average (lb/yr)	Annual Average (g/s)
10	Boiler 2	Benzene	71-43-2	8.33E-06	1.05E-06	4.04E-02	7.87E-07
		Formaldehyde	50-00-0	1.77E-05	2.23E-06	8.58E-02	1.67E-06
		PAH's	1151	4.16E-07	5.25E-08	2.02E-03	3.93E-08
		Naphthalene	91-20-3	3.12E-07	3.93E-08	1.51E-03	2.95E-08
		Acetaldehyde	75-07-0	4.48E-06	5.64E-07	2.17E-02	4.23E-07
		Acrolein	107-02-8	2.81E-06	3.54E-07	1.36E-02	2.66E-07
		Propylene	115-07-1	7.61E-04	9.59E-05	3.69E+00	7.19E-05
		Toluene	108-88-3	3.81E-05	4.80E-06	1.85E-01	3.60E-06
		Xylene	1330-20-7	2.83E-05	3.57E-06	1.37E-01	2.68E-06
		Ethyl Benzene	100-41-4	9.89E-06	1.25E-06	4.80E-02	9.34E-07
		Hexane	110-54-3	6.56E-06	8.26E-07	3.18E-02	6.20E-07
11	Boiler 3	Benzene	71-43-2	8.33E-06	1.05E-06	4.04E-02	7.87E-07
		Formaldehyde	50-00-0	1.77E-05	2.23E-06	8.58E-02	1.67E-06
		PAH's	1151	4.16E-07	5.25E-08	2.02E-03	3.93E-08
		Naphthalene	91-20-3	3.12E-07	3.93E-08	1.51E-03	2.95E-08
		Acetaldehyde	75-07-0	4.48E-06	5.64E-07	2.17E-02	4.23E-07
		Acrolein	107-02-8	2.81E-06	3.54E-07	1.36E-02	2.66E-07
		Propylene	115-07-1	7.61E-04	9.59E-05	3.69E+00	7.19E-05
		Toluene	108-88-3	3.81E-05	4.80E-06	1.85E-01	3.60E-06
		Xylene	1330-20-7	2.83E-05	3.57E-06	1.37E-01	2.68E-06
		Ethyl Benzene	100-41-4	9.89E-06	1.25E-06	4.80E-02	9.34E-07
		Hexane	110-54-3	6.56E-06	8.26E-07	3.18E-02	6.20E-07
12	Oven 1	Benzene	71-43-2	1.43E-06	1.80E-07	6.93E-03	1.35E-07
		Formaldehyde	50-00-0	3.03E-06	3.82E-07	1.47E-02	2.87E-07
		PAH's	1151	7.14E-08	9.00E-09	3.46E-04	6.75E-09
		Naphthalene	91-20-3	5.36E-08	6.75E-09	2.60E-04	5.06E-09
		Acetaldehyde	75-07-0	7.68E-07	9.67E-08	3.72E-03	7.25E-08
		Acrolein	107-02-8	4.82E-07	6.07E-08	2.34E-03	4.55E-08
		Propylene	115-07-1	1.30E-04	1.64E-05	6.33E-01	1.23E-05
		Toluene	108-88-3	6.53E-06	8.23E-07	3.17E-02	6.17E-07

TABLE 2. EMISSION RATE BY SUBSTANCE AND SOURCE

Bowman Plating Company, Compton, CA
Facility ID #18989

Device ID	Source Name	Substance Name	CAS No.	1-Hour Maximum (lb/hr)	1-Hour Maximum (g/s)	Annual Average (lb/yr)	Annual Average (g/s)
		Xylene	1330-20-7	4.86E-06	6.12E-07	2.36E-02	4.59E-07
		Ethyl Benzene	100-41-4	1.70E-06	2.14E-07	8.23E-03	1.60E-07
		Hexane	110-54-3	1.12E-06	1.42E-07	5.46E-03	1.06E-07
13	Oven 2	Benzene	71-43-2	2.14E-06	2.70E-07	1.04E-02	2.02E-07
		Formaldehyde	50-00-0	4.55E-06	5.74E-07	2.21E-02	4.30E-07
		PAH's	1151	1.07E-07	1.35E-08	5.20E-04	1.01E-08
		Naphthalene	91-20-3	8.03E-08	1.01E-08	3.90E-04	7.59E-09
		Acetaldehyde	75-07-0	1.15E-06	1.45E-07	5.59E-03	1.09E-07
		Acrolein	107-02-8	7.23E-07	9.11E-08	3.51E-03	6.83E-08
		Propylene	115-07-1	1.96E-04	2.47E-05	9.50E-01	1.85E-05
		Toluene	108-88-3	9.80E-06	1.23E-06	4.75E-02	9.26E-07
		Xylene	1330-20-7	7.28E-06	9.18E-07	3.53E-02	6.88E-07
		Ethyl Benzene	100-41-4	2.54E-06	3.21E-07	1.23E-02	2.40E-07
		Hexane	110-54-3	1.69E-06	2.13E-07	8.18E-03	1.59E-07
14	Oven 3	Benzene	71-43-2	2.14E-06	2.70E-07	1.04E-02	2.02E-07
		Formaldehyde	50-00-0	4.55E-06	5.74E-07	2.21E-02	4.30E-07
		PAH's	1151	1.07E-07	1.35E-08	5.20E-04	1.01E-08
		Naphthalene	91-20-3	8.03E-08	1.01E-08	3.90E-04	7.59E-09
		Acetaldehyde	75-07-0	1.15E-06	1.45E-07	5.59E-03	1.09E-07
		Acrolein	107-02-8	7.23E-07	9.11E-08	3.51E-03	6.83E-08
		Propylene	115-07-1	1.96E-04	2.47E-05	9.50E-01	1.85E-05
		Toluene	108-88-3	9.80E-06	1.23E-06	4.75E-02	9.26E-07
		Xylene	1330-20-7	7.28E-06	9.18E-07	3.53E-02	6.88E-07
		Ethyl Benzene	100-41-4	2.54E-06	3.21E-07	1.23E-02	2.40E-07
		Hexane	110-54-3	1.69E-06	2.13E-07	8.18E-03	1.59E-07
15	Oven 4	Benzene	71-43-2	1.43E-06	1.80E-07	6.93E-03	1.35E-07
		Formaldehyde	50-00-0	3.03E-06	3.82E-07	1.47E-02	2.87E-07
		PAH's	1151	7.14E-08	9.00E-09	3.46E-04	6.75E-09
		Naphthalene	91-20-3	5.36E-08	6.75E-09	2.60E-04	5.06E-09
		Acetaldehyde	75-07-0	7.68E-07	9.67E-08	3.72E-03	7.25E-08
		Acrolein	107-02-8	4.82E-07	6.07E-08	2.34E-03	4.55E-08

TABLE 2. EMISSION RATE BY SUBSTANCE AND SOURCE

Bowman Plating Company, Compton, CA
Facility ID #18989

Device ID	Source Name	Substance Name	CAS No.	1-Hour Maximum (lb/hr)	1-Hour Maximum (g/s)	Annual Average (lb/yr)	Annual Average (g/s)
		Propylene	115-07-1	1.30E-04	1.64E-05	6.33E-01	1.23E-05
		Toluene	108-88-3	6.53E-06	8.23E-07	3.17E-02	6.17E-07
		Xylene	1330-20-7	4.86E-06	6.12E-07	2.36E-02	4.59E-07
		Ethyl Benzene	100-41-4	1.70E-06	2.14E-07	8.23E-03	1.60E-07
		Hexane	110-54-3	1.12E-06	1.42E-07	5.46E-03	1.06E-07
16	Cadmium Plating	Cadmium	7440-43-9	2.06E-08	2.60E-09	1.00E-04	1.95E-09
17	Chrome Anodizing	Hexavalent Chromium	18540-29-9	2.06E-08	2.60E-09	1.00E-04	1.95E-09
18	Nickel Strike	Nickel	7440-02-0	4.18E-05	5.27E-06	2.03E-01	3.95E-06

Annual Average (g/s) based on 5.5 days per week, 49 weeks per year.

TABLE 3a. TOXICITY DATA BY SUBSTANCE- EXPOSURE PATHWAYS

Bowman Plating Company, Compton, CA
Facility ID #18989

						Modeled Exposure Pathways							
Substance Name	**CAS No.**	**Cancer**	**Chronic**	**Acute**	**Multipathway Substance**	**Inhalation**	**Dermal**	**Soil Ingestion**	**Home Grown Produce**	**Mother's Milk**	**Water**	**Dairy**	**Fish**
Acetaldehyde	75070	X	X	X		W,R							
Acrolein	107028		X	X		W,R							
Benzene	71432	X	X	X		W,R							
Cadmium	7440439	X	X		X	W,R	W,R	W,R	R	R			
Chromium IV	18540299	X	X		X	W,R	W,R	W,R	R	R			
Ethylbenzene	100414	X	X			W,R							
Formaldehyde	50000	X	X	X		W,R							
Hexane	110543		X			W,R							
Naphthalene	91203	X	X			W,R							
Nickel	7440020	X	X	X	X	W,R	W,R	W,R	R	R			
Propylene	115071		X			W,R							
Toluene	108883		X			W,R							
Total PAHs (excl. Naphthalene)	1151			X	X	W,R	W,R	W,R	R	R			
Xylenes	1330207		X	X		W,R							

Supplemental Guidelines for Preparing Risk Assessments for the Air Toxics "Hot Spots" AB2588. Table 10 - Summary of SCAQMD Health Risk Assessment Guidance
W: Modeled for worker receptors
R: Modeled for residential receptors

TABLE 3b. TOXICITY DATA BY SUBSTANCE - TARGET ORGANS

Bowman Plating Company, Compton, CA
Facility ID #18989

		Acute Target Organs									Chronic Target Organs										
Substance Name	**CAS No.**	**CV**	**CNS**	**IMMUN**	**GILV**	**REPRO**	**RESP**	**EYE**	**DEVEL**	**HEM**	**CV**	**CNS**	**KIDNEY**	**GILV**	**REPRO**	**RESP**	**SKIN**	**EYE**	**ENDO**	**DEVEL**	**HEM**
Acetaldehyde	75070						X	X								X					
Acrolein	107028						X	X								X		X			
Benzene	71432			X		X			X	X		X								X	X
Cadmium	7440439												X			X					
Chromium IV	18540299															X					X
Ethylbenzene	100414												X	X					X	X	
Formaldehyde	50000			X			X	X								X		X			
Hexane	110543											X									
Naphthalene	91203															X					
Nickel	7440020			X			X									X				X	X
Propylene	115071															X					
Toluene	108883		X			X	X	X	X			X				X				X	
Total PAHs (excl. Naphthalene)	1151																				
Xylenes	1330207						X	X				X				X					

OEHHA "Air Toxics Hot Spots Program Risk Assessment Guidelines" Table 6.1 page 6-4. Table 6.2 page 6-6. and HARP output results.

GILV: Alimentary System (Liver)
CNS: Central Nervous System
CV: Cardiovascular System
DEVEL: Developmental
ENDO: Endocrine System
EYE: Eye
HEM: Hematologic System
IMMUN: Immune System
KIDNEY: Kidney
REPRO: Reproductive System
RESP: Respiratory System
SKIN: Skin

TABLE 4. EMISSION SOURCE PARAMETERS

Bowman Plating Company, Compton, CA
Facility ID #18989

Stack ID	Stack Name	*	UTM (Meters) Easting	UTM (Meters) Northing	Raincap	Height (ft)	Diameter (ft)	Temp (F)	Flow Rate (ACFM)	Exit Velocity (m/s)	Avg (hr/dy)	Avg (dy/yr)	Max (hr/dy)	Max (dy/yr)
1	Spray Booth 1	a,b	386718	3753755	No	30.5	2.5	75	14,400	15	16	255	24	306
2	Spray Booth 2	a,b	386712	3753755	No	30.5	2.5	75	14,400	15	16	255	24	306
3	Spray Booth 3	a,b	386706	3753755	No	30.5	2.5	75	14,400	15	16	255	24	306
4	Spray Booth 4	c	386702	3753764	No	24	2.5	75	6,300	6.51	16	255	24	306
5	Spray Booth 4	c	386700	3753764	No	24	2.5	75	6,300	6.51	16	255	24	306
6	Spray Booth 4	c	386700	3753768	No	24	2.5	75	6,300	6.51	16	255	24	306
7	Spray Booth 4	c	386702	3753768	No	24	2.5	75	6,300	6.51	16	255	24	306
8	Dryer	a	386688	3753774	Yes	19	0.67	140	7	0.10	16	255	24	306
9	Boiler 1	a	386758	3753776	Yes	19	1.5	200	35	0.10	16	255	24	306
10	Boiler 2	d	386760	3753774	Yes	19	1.5	200	35	0.10	16	255	24	306
11	Boiler 3	d	386762	3753774	Yes	19	1.5	200	35	0.10	16	255	24	306
12	Oven 1	e,f	386701	3753772	Yes	24	1	160	35	0.10	16	255	24	306
13	Oven 2	e,f	386707	3753769	Yes	19	1	158	34.8	0.10	16	255	24	306
14	Oven 3	a	386724	3753768	Yes	19	1.5	198	34.8	0.10	16	255	24	306
15	Oven 4	e,f	386786	3753763	Yes	19	1	160	34.8	0.10	16	255	24	306
16	Cadmium Barrel Stack	a	386784	3753789	No	30	1.67	150	4	0.10	16	255	24	306
17	Chrome Anodizing	g	386759	3753789	No	25	1.166667	90	1,700	8.1	16	255	24	306
18	Nickel Strike	h	386766	3753791	No	Area	Area	75	--	--	16	255	24	306
18	Nickel Strike	h	386788	3753790	No	Area	Area	75	--	--	16	255	24	306
18	Nickel Strike	h	386787	3753778	No	Area	Area	75	--	--	16	255	24	306
18	Nickel Strike	h	386766	3753779	No	Area	Area	75	--	--	16	255	24	306

a. Diameter, temperature, flow, velocity is based on prior 05-06 Health Risk Assessment
b. Height based on information supplied by Massoud Akhavi on September 29, 2014.
c. Information based on blueprints provided by Massoud Akhavi on September 22, 2014. Blueprint specifies 6' above roof height.
d. Boiler 2 and 3 data elements assumed to be similar to Boiler 1.
e. Oven 1, 2, and 4 data elements for flow and velocity assumed to be similar to Oven 3.
f. Diameter, temperature based on oven operating temperature.
g. Data elements provided from source test.
h. Nickel strike modeled as volume source. Elevation 24.82 meters. Emission rate 1 g/s. Release height 29 feet. Initial lateral dimention 4.96 meters. Initial vertical dimension 13.499 feet.

TABLE 5. CANCER BURDEN

Bowman Plating Company, Compton, CA
Facility ID #18989

Census Tract	Maximum Cancer Risk	Receptor	Census Tract Population[1]	Estimated Percentage of census tract within ZOI[2]	Zone of Impact Population	Cancer Burden[3]
5405.01	N/A	--	6943	0%	0	0.000
5405.02	1.15E-06	1345	6552	8%	524	0.001
5406	N/A	--	4217	0%	0	0.000
5415	1.10E-05	MEIR	5836	25%	1,459	0.016
5416.03	1.17E-05	366	2983	30%	895	0.010
					Total:	0.027

[1] Population from 2010 Census data
[2] Percentage of risk in census tract estimated from 2010 Census data.
[3] Cancer Burden = (Maximum Cancer Risk) x (Zone of Impact Population)

TABLE 6a. BUILDING DIMENSIONS

Bowman Plating Company, Compton, CA
Facility ID #18989

	Receptor	Height (ft)	East UTM	North UTM	Rel East	Rel North
Facility Center			386730.15	3753771.95	0	0
Building						
Boundary	2247	--	**386632**	**3753792.4**	-98.15	20.45
	2248	--	386652	3753792.4	-78.15	20.45
	2249	--	386672	3753792.3	-58.15	20.35
	2250	--	386692	3753792.3	-38.15	20.35
	2251	--	386712	3753792.2	-18.15	20.25
	2252	--	386732	3753792.2	1.85	20.25
	2253	--	386752	3753792.2	21.85	20.25
	2254	--	386772	3753792.1	41.85	20.15
	2255	--	386792	3753792.1	61.85	20.15
	2256	--	386812	3753792	81.85	20.05
	2257	--	**386828.7**	**3753792**	98.55	20.05
	2258	--	386828.7	3753788.7	98.55	16.75
	2259	--	386828.5	3753768.7	98.35	-3.25
	2260	--	**386828.3**	**3753751.5**	98.15	-20.45
	2261	--	386825.5	3753751.5	95.35	-20.45
	2262	--	386805.5	3753751.6	75.35	-20.35
	2263	--	386785.5	3753751.7	55.35	-20.25
	2264	--	386765.5	3753751.8	35.35	-20.15
	2265	--	386745.5	3753751.8	15.35	-20.15
	2266	--	386725.5	3753751.9	-4.65	-20.05
	2267	--	386705.5	3753752	-24.65	-19.95
	2268	--	386685.5	3753752.1	-44.65	-19.85
	2269	--	386665.5	3753752.2	-64.65	-19.75
	2270	--	386645.5	3753752.2	-84.65	-19.75
	2271	--	**386629.8**	**3753752.3**	-100.35	-19.65
	2272	--	386630	3753756.6	-100.15	-15.35
	2273	--	386631.1	3753776.6	-99.05	4.65
Building 1	1	14	386674	3753759	-56.15	-12.95
	2	14	386685	3753759	-45.15	-12.95
	3	14	386685	3753768	-45.15	-3.95
	4	14	386674	3753768	-56.15	-3.95
Building 2	1	25	386703	3753776	-27.15	4.05
	2	25	386710	3753776	-20.15	4.05
	3	25	386710	3753784	-20.15	12.05
	4	25	386703	3753784	-27.15	12.05
Building 3	1	25	386725	3753780	-5.15	8.05
	2	25	386753	3753779	22.85	7.05
	3	25	386753	3753792	22.85	20.05
	4	25	386726	3753792	-4.15	20.05
Building 4	1	22.5	386763	3753751	32.85	-20.95
	2	22.5	386784	3753751	53.85	-20.95
	3	22.5	386784	3753757	53.85	-14.95
	4	22.5	386763	3753757	32.85	-14.95

TABLE 6a. BUILDING DIMENSIONS

Bowman Plating Company, Compton, CA
Facility ID #18989

	Receptor	Height (ft)	East UTM	North UTM	Rel East	Rel North
Building 5	1	16	386788	3753757	57.85	-14.95
	2	16	386787	3753772	56.85	0.05
	3	16	386770	3753773	39.85	1.05
	4	16	386770	3753779	39.85	7.05
	5	16	386766	3753779	35.85	7.05
	6	16	386766	3753791	35.85	19.05
	7	16	386753	3753792	22.85	20.05
	8	16	386753	3753779	22.85	7.05
	9	16	386725	3753780	-5.15	8.05
	10	16	386726	3753792	-4.15	20.05
	11	16	386704	3753792	-26.15	20.05
	12	16	386703	3753784	-27.15	12.05
	13	16	386710	3753784	-20.15	12.05
	14	16	386710	3753776	-20.15	4.05
	15	16	386703	3753776	-27.15	4.05
	16	16	386703	3753774	-27.15	2.05
	17	16	386686	3753774	-44.15	2.05
	18	16	386685	3753768	-45.15	-3.95
	19	16	386685	3753759	-45.15	-12.95
	20	16	386703	3753759	-27.15	-12.95
	21	16	386703	3753752	-27.15	-19.95
	22	16	386763	3753751	32.85	-20.95
	23	16	386763	3753757	32.85	-14.95
Building 6	1	18	386704	3753792	-26.15	20.05
	2	18	386703	3753774	-27.15	2.05
	3	18	386686	3753774	-44.15	2.05
	4	18	386686	3753792	-44.15	20.05
Building 7	1	29	386766	3753791	35.85	19.05
	2	29	386766	3753779	35.85	7.05
	3	29	386770	3753779	39.85	7.05
	4	29	386770	3753780	39.85	8.05
	5	29	386787	3753780	56.85	8.05
	6	29	386788	3753790	57.85	18.05
Building 8	1	19	386787	3753780	56.85	8.05
	2	19	386770	3753780	39.85	8.05
	3	19	386770	3753773	39.85	1.05
	4	19	386787	3753772	56.85	0.05
Building Downwash						
Downwash 1	1	23	386673	3753805	-57.15	33.05
	2	23	386673	3753819	-57.15	47.05
	3	23	386690	3753819	-40.15	47.05
	4	23	386690	3753817	-40.15	45.05
	5	23	386695	3753817	-35.15	45.05
	6	23	386695	3753806	-35.15	34.05
	7	23	386687	3753805	-43.15	33.05

TABLE 6a. BUILDING DIMENSIONS

Bowman Plating Company, Compton, CA
Facility ID #18989

	Receptor	Height (ft)	East UTM	North UTM	Rel East	Rel North
Downwash 2	1	18	386722	3753814	-8.15	42.05
	2	18	386747	3753814	16.85	42.05
	3	18	386747	3753796	16.85	24.05
	4	18	386729	3753797	-1.15	25.05
	5	18	386729	3753801	-1.15	29.05
	6	18	386722	3753801	-8.15	29.05
Downwash 3	1	20	386846	3753794	115.85	22.05
	2	20	386847	3753786	116.85	14.05
	3	20	386835	3753786	104.85	14.05
	4	20	386835	3753794	104.85	22.05
Downwash 4	1	41	386854	3753753	123.85	-18.95
	2	41	386854	3753751	123.85	-20.95
	3	41	386841	3753751	110.85	-20.95
	4	41	386841	3753753	110.85	-18.95
Downwash 5	1	22	386839	3753725	108.85	-46.95
	2	22	386838	3753714	107.85	-57.95
	3	22	386830	3753714	99.85	-57.95
	4	22	386831	3753725	100.85	-46.95
Downwash 6	1	20	386794	3753715	63.85	-56.95
	2	20	386794	3753703	63.85	-68.95
	3	20	386779	3753703	48.85	-68.95
	4	20	386779	3753715	48.85	-56.95
Downwash 7	1	25	386661	3753729	-69.15	-42.95
	2	25	386661	3753715	-69.15	-56.95
	3	25	386650	3753716	-80.15	-55.95
	4	25	386650	3753730	-80.15	-41.95

Notes:
UTM coordinates based on WGS 84.
Heights for facility buildings are based on information supplied by client.
Heights for building downwash are estimated using Google Earth.

TABLE 6b. SENSITIVE RECEPTORS

Bowman Plating Company, Compton, CA
Facility ID #18989

	Receptor	East UTM	North UTM	Rel East	Rel North
Facility Center		386730.15	3753771.95	0	0
Sensitive Receptors					
Dr. Ralph Bunche Middle School	2018	386492	3753952	-238.15	180.05
	2019	386512	3753950.8	-218.15	178.85
	2020	386525	3753950	-205.15	178.05
	2021	386525	3753956.9	-205.15	184.95
	2022	386525	3753965	-205.15	193.05
	2023	386536.8	3753966.6	-193.35	194.65
	2024	386556.7	3753969.2	-173.45	197.25
	2025	386576.5	3753971.9	-153.65	199.95
	2026	386596.3	3753974.5	-133.85	202.55
	2027	386616.1	3753977.2	-114.05	205.25
	2028	386636	3753979.8	-94.15	207.85
	2029	386645	3753981	-85.15	209.05
	2030	386655.8	3753982.3	-74.35	210.35
	2031	386675.6	3753984.7	-54.55	212.75
	2032	386695.5	3753987.2	-34.65	215.25
	2033	386715.4	3753989.6	-14.75	217.65
	2034	386735	3753992	4.85	220.05
	2035	386735	3753992.2	4.85	220.25
	2036	386732.7	3754012.1	2.55	240.15
	2037	386730.5	3754032	0.35	260.05
	2038	386728.2	3754051.8	-1.95	279.85
	2039	386726	3754071.7	-4.15	299.75
	2040	386723.8	3754091.6	-6.35	319.65
	2041	386721.5	3754111.4	-8.65	339.45
	2042	386721	3754116	-9.15	344.05
	2043	386719.3	3754131.3	-10.85	359.35
	2044	386717.1	3754151.2	-13.05	379.25
	2045	386714.9	3754171.1	-15.25	399.15
	2046	386712.7	3754191	-17.45	419.05
	2047	386710.5	3754210.8	-19.65	438.85
	2048	386708.3	3754230.7	-21.85	458.75
	2049	386706.1	3754250.6	-24.05	478.65
	2050	386703.9	3754270.5	-26.25	498.55
	2051	386701.7	3754290.4	-28.45	518.45
	2052	386701	3754297	-29.15	525.05
	2053	386687.8	3754295.5	-42.35	523.55
	2054	386667.9	3754293.1	-62.25	521.15
	2055	386648	3754290.8	-82.15	518.85
	2056	386628.2	3754288.5	-101.95	516.55
	2057	386608.3	3754286.2	-121.85	514.25
	2058	386588.4	3754283.9	-141.75	511.95
	2059	386568.6	3754281.6	-161.55	509.65

TABLE 6b. SENSITIVE RECEPTORS

Bowman Plating Company, Compton, CA
Facility ID #18989

	Receptor	East UTM	North UTM	Rel East	Rel North
	2060	386548.7	3754279.3	-181.45	507.35
	2061	386528.8	3754277	-201.35	505.05
	2062	386509	3754274.7	-221.15	502.75
	2063	386489.1	3754272.3	-241.05	500.35
	2064	386469.2	3754270	-260.95	498.05
	2065	386449.4	3754267.7	-280.75	495.75
	2066	386429.5	3754265.4	-300.65	493.45
	2067	386426	3754265	-304.15	493.05
	2068	386429	3754248.8	-301.15	476.85
	2069	386432.6	3754229.1	-297.55	457.15
	2070	386436.2	3754209.5	-293.95	437.55
	2071	386439.8	3754189.8	-290.35	417.85
	2072	386443.4	3754170.1	-286.75	398.15
	2073	386447	3754150.5	-283.15	378.55
	2074	386450.6	3754130.8	-279.55	358.85
	2075	386454.3	3754111.1	-275.85	339.15
	2076	386457.9	3754091.4	-272.25	319.45
	2077	386461.5	3754071.8	-268.65	299.85
	2078	386464	3754058	-266.15	286.05
	2079	386465.5	3754052.2	-264.65	280.25
	2080	386470.6	3754032.9	-259.55	260.95
	2081	386475.7	3754013.5	-254.45	241.55
	2082	386480.9	3753994.2	-249.25	222.25
	2083	386486	3753974.8	-244.15	202.85
	2084	386491.1	3753955.5	-239.05	183.55
Martin Luther King Elementary	2085	386442	3754049	-288.15	277.05
	2086	386438.1	3754068.6	-292.05	296.65
	2087	386434.2	3754088.2	-295.95	316.25
	2088	386430.2	3754107.8	-299.95	335.85
	2089	386426.3	3754127.4	-303.85	355.45
	2090	386424	3754139	-306.15	367.05
	2091	386415.8	3754139	-314.35	367.05
	2092	386395.8	3754139	-334.35	367.05
	2093	386375.8	3754139	-354.35	367.05
	2094	386355.8	3754139	-374.35	367.05
	2095	386335.8	3754139	-394.35	367.05
	2096	386315.8	3754139	-414.35	367.05
	2097	386295.8	3754139	-434.35	367.05
	2098	386275.8	3754139	-454.35	367.05
	2099	386255.8	3754139	-474.35	367.05
	2100	386235.8	3754139	-494.35	367.05
	2101	386215.8	3754139	-514.35	367.05
	2102	386195.8	3754139	-534.35	367.05
	2103	386179	3754139	-551.15	367.05
	2104	386178.8	3754135.8	-551.35	363.85
	2105	386177.4	3754115.8	-552.75	343.85

TABLE 6b. SENSITIVE RECEPTORS

Bowman Plating Company, Compton, CA
Facility ID #18989

	Receptor	East UTM	North UTM	Rel East	Rel North
	2106	386176	3754095.9	-554.15	323.95
	2107	386174.7	3754075.9	-555.45	303.95
	2108	386173.3	3754056	-556.85	284.05
	2109	386173	3754052	-557.15	280.05
	2110	386189	3754051.8	-541.15	279.85
	2111	386209	3754051.6	-521.15	279.65
	2112	386229	3754051.4	-501.15	279.45
	2113	386249	3754051.2	-481.15	279.25
	2114	386269	3754050.9	-461.15	278.95
	2115	386289	3754050.7	-441.15	278.75
	2116	386309	3754050.5	-421.15	278.55
	2117	386329	3754050.3	-401.15	278.35
	2118	386349	3754050	-381.15	278.05
	2119	386369	3754049.8	-361.15	277.85
	2120	386389	3754049.6	-341.15	277.65
	2121	386409	3754049.4	-321.15	277.45
	2122	386429	3754049.1	-301.15	277.15
Sunshine Daycare Preschool Center	2123	387456	3753657	725.85	-114.95
	2124	387475.9	3753659.2	745.75	-112.75
	2125	387495.8	3753661.4	765.65	-110.55
	2126	387501	3753662	770.85	-109.95
	2127	387488.7	3753653.8	758.55	-118.15
	2128	387472.1	3753642.7	741.95	-129.25
	2129	387459	3753634	728.85	-137.95
	2130	387463.2	3753634.5	733.05	-137.45
	2131	387483	3753637.1	752.85	-134.85
	2132	387502.9	3753639.7	772.75	-132.25
	2133	387505	3753640	774.85	-131.95
	2134	387488.1	3753645.9	757.95	-126.05
	2135	387469.2	3753652.4	739.05	-119.55
Ella Fitzgerald Child Care Center	2136	386578	3754362	-152.15	590.05
	2137	386574	3754381.6	-156.15	609.65
	2138	386570	3754401.2	-160.15	629.25
	2139	386566	3754420.8	-164.15	648.85
	2140	386562	3754440.4	-168.15	668.45
	2141	386560	3754450	-170.15	678.05
	2142	386570.1	3754451.2	-160.05	679.25
	2143	386590	3754453.6	-140.15	681.65
	2144	386609.8	3754456.1	-120.35	684.15
	2145	386629.7	3754458.5	-100.45	686.55
	2146	386634	3754459	-96.15	687.05
	2147	386636.1	3754443.5	-94.05	671.55
	2148	386638.9	3754423.7	-91.25	651.75
	2149	386641.6	3754403.9	-88.55	631.95
	2150	386644.4	3754384.1	-85.75	612.15

TABLE 6b. SENSITIVE RECEPTORS

Bowman Plating Company, Compton, CA
Facility ID #18989

	Receptor	East UTM	North UTM	Rel East	Rel North
	2151	386647	3754365	-83.15	593.05
	2152	386646.3	3754365	-83.85	593.05
	2153	386626.3	3754364.1	-103.85	592.15
	2154	386606.3	3754363.2	-123.85	591.25
	2155	386586.3	3754362.4	-143.85	590.45
CDI Head Start	2156	386672	3753148	-58.15	-623.95
	2157	386667.8	3753167.6	-62.35	-604.35
	2158	386666	3753176	-64.15	-595.95
	2159	386677.4	3753175.7	-52.75	-596.25
	2160	386697.4	3753175.1	-32.75	-596.85
	2161	386701	3753175	-29.15	-596.95
	2162	386700.4	3753158.7	-29.75	-613.25
	2163	386700	3753148	-30.15	-623.95
	2164	386690.7	3753148	-39.45	-623.95

TABLE 6c. CENSUS TRACT RECEPTORS

Bowman Plating Company, Compton, CA
Facility ID #18989

Receptor	Description	East UTM	North UTM	Rel East	Rel North
Facility Center		386730.15	3753771.95	0	0
Census Tract					
2165	CE001	387040.51	3754188.43	310.36	416.48
2166	CE002	386868.08	3753984.04	137.93	212.09
2167	CE003	386838.90	3754139.65	108.75	367.70
2168	CE004	386647.01	3754136.86	-83.14	364.91
2169	CE005	386865.15	3753738.27	135.00	-33.68
2170	CE006	386891.94	3753737.11	161.79	-34.84
2171	CE007	387148.12	3753866.05	417.97	94.10
2172	CE008	387128.67	3754068.51	398.52	296.55
2173	CE009	387171.16	3753667.37	441.01	-104.58
2174	CE010	387196.88	3753457.65	466.73	-314.30
2175	CE011	386956.44	3753229.52	226.29	-542.43
2176	CE012	387220.04	3753269.53	489.89	-502.42
2177	CE013	387249.28	3753058.93	519.13	-713.02
2178	CE014	387010.22	3752829.09	280.07	-942.86
2179	CE015	386980.16	3752851.87	250.01	-920.08
2180	CE016	387270.69	3754445.03	540.54	673.08
2181	CE017	387030.02	3754492.31	299.87	720.36
2182	CE018	386847.01	3754346.42	116.86	574.47
2183	CE019	386797.72	3754589.85	67.57	817.90
2184	CE020	386619.76	3754690.12	-110.39	918.17
2185	CE021	386613.52	3754344.56	-116.63	572.61
2186	CE022	387052.33	3754292.37	322.18	520.42
2187	CE023	387282.60	3754260.86	552.45	488.91
2188	CE024	387324.67	3754179.56	594.52	407.60
2189	CE025	387366.95	3754355.05	636.80	583.09
2190	CE026	387527.82	3754358.64	797.67	586.69
2191	CE027	387506.82	3754253.54	776.67	481.59
2192	CE028	387478.07	3754148.54	747.92	376.59
2193	CE029	387456.50	3754054.46	726.35	282.51
2194	CE030	387645.05	3754013.73	914.90	241.78
2195	CE031	387530.78	3753299.69	800.63	-472.26
2196	CE032	387608.28	3753886.40	878.13	114.45
2197	CE033	387456.84	3753904.69	726.69	132.74
2198	CE034	387479.04	3753695.44	748.89	-76.51
2199	CE035	387506.35	3753499.66	776.20	-272.29
2200	CE036	386221.11	3754560.36	-509.04	788.41
2201	CE037	386235.50	3754407.47	-494.65	635.51
2202	CE038	385870.73	3754223.16	-859.42	451.21
2203	CE039	386039.90	3754154.71	-690.25	382.76
2204	CE040	386220.25	3754076.82	-509.90	304.87
2205	CE041	386018.61	3753849.94	-711.54	77.99
2206	CE042	385773.52	3753647.70	-956.63	-124.25

TABLE 6c. CENSUS TRACT RECEPTORS

Bowman Plating Company, Compton, CA
Facility ID #18989

Receptor	Description	East UTM	North UTM	Rel East	Rel North
2207	CE043	386108.54	3753643.68	-621.61	-128.28
2208	CE044	386181.94	3753471.03	-548.21	-300.92
2209	CE045	385850.81	3753447.09	-879.34	-324.86
2210	CE046	386349.32	3753074.74	-380.83	-697.21
2211	CE047	386072.26	3753266.32	-657.89	-505.63
2212	CE048	386006.32	3753179.12	-723.83	-592.83
2213	CE049	386163.50	3753109.54	-566.65	-662.41
2214	CE050	386241.09	3753167.41	-489.06	-604.54
2215	CE051	386018.86	3753107.89	-711.29	-664.06
2216	CE052	386300.63	3753014.82	-429.52	-757.13
2217	CE053	386208.15	3752950.36	-522.00	-821.59
2218	CE054	386350.01	3752896.20	-380.14	-875.75
2219	CE055	386459.09	3752814.94	-271.06	-957.02
2220	CE056	386678.65	3753891.95	-51.50	120.00
2221	CE058	386709.37	3753688.10	-20.78	-83.85
2222	CE059	386720.82	3753583.89	-9.33	-188.06
2223	CE060	386734.44	3753483.88	4.29	-288.07
2224	CE061	386752.26	3753380.87	22.11	-391.08
2225	CE062	386768.72	3753282.52	38.57	-489.43
2226	CE063	386790.01	3753175.24	59.86	-596.72
2227	CE064	386808.51	3753069.67	78.36	-702.28
2228	CE065	386835.51	3752908.59	105.36	-863.36
2229	CE066	386675.80	3752826.31	-54.35	-945.64
2230	CE067	386568.23	3752797.98	-161.92	-973.97
2231	CE068	386483.86	3752822.25	-246.29	-949.70
2232	CE069	386483.15	3753234.32	-247.00	-537.63
2233	CE070	386347.33	3753143.72	-382.82	-628.23
2234	CE071	386452.95	3753068.84	-277.20	-703.11
2235	CE072	386551.39	3753100.67	-178.76	-671.29
2236	CE073	386606.85	3753196.04	-123.30	-575.91
2237	CE074	386630.86	3752961.80	-99.29	-810.15
2238	CE075	386509.96	3752939.55	-220.19	-832.40
2239	CE076	386540.14	3752868.12	-190.01	-903.83
2240	CE077	386652.65	3752896.81	-77.50	-875.14
2241	CE078	386295.79	3753847.04	-434.36	75.09
2242	CE079	386046.11	3753849.61	-684.04	77.66
2243	CE080	386137.45	3753643.33	-592.70	-128.62
2244	CE081	386360.33	3753640.66	-369.82	-131.29
2245	CE082	386417.19	3753440.29	-312.96	-331.66
2246	CE083	386220.40	3753442.65	-509.75	-329.30

Table 7a. PMI Cancer Risk By Substance and Exposure Pathway

Bowman Plating Company, Compton, CA
Facility ID #18989
Receptor 2255 | UTME 386792 | UTMN 3753792

Chemical Name	CAS #	Inhalation	Dermal	Soil	Mother's Milk	Plants	Oral Subtotal	Total	Contribution
Acetaldehyde	75070	3.08E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.08E-09	0.01%
Acrolein	107028	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00%
Benzene	71432	5.73E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.73E-08	0.13%
Cadmium	7440439	3.90E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.90E-09	0.01%
Chromium, hexavalent	18540299	4.40E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.40E-05	98.95%
Ethyl Benzene	100414	5.92E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.92E-09	0.01%
Formaldehyde	50000	2.56E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.56E-08	0.06%
Hexane	110543	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00%
Naphthalene	91203	2.57E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.57E-09	0.01%
Nickel	7440020	3.67E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.67E-07	0.83%
PAHs	1150	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00%
Propylene	115071	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00%
Toluene	108883	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00%
Xylene	1330207	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00%
Total		4.45E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.45E-05	100.00%

Table 7b. PMI Cancer Risk By Source and Exposure Pathway

Bowman Plating Company, Compton, CA
Facility ID #18989
Receptor 2255 | UTME 386792 | UTMN 3753792

Source ID	Source Name	Inhalation	Dermal	Soil	Mother's Milk	Plants	Oral Subtotal	Total	Contribution
Source 1	SB1	8.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.33E-06	18.73%
Source 2	SB2	7.86E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.86E-06	17.68%
Source 3	SB3	7.51E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.51E-06	16.89%
Source 4	SB4-1	5.28E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.28E-06	11.87%
Source 5	SB4-2	5.08E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.08E-06	11.42%
Source 6	SB4-3	4.92E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.92E-06	11.06%
Source 7	SB4-4	4.97E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.97E-06	11.18%
Source 8	Dryer	4.59E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.59E-09	0.01%
Source 9	Boiler 1	2.70E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.70E-08	0.06%
Source 10	Boiler 2	2.49E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.49E-08	0.06%
Source 11	Boiler 3	2.72E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.72E-08	0.06%
Source 12	Oven 1	1.26E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.26E-09	0.00%
Source 13	Oven 2	4.67E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.67E-09	0.01%
Source 14	Oven 3	3.73E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.73E-09	0.01%
Source 15	Oven 4	1.08E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-09	0.00%
Source 16	Cadmium	3.90E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.90E-09	0.01%
Source 17	Chromium	5.29E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.29E-08	0.12%
Source 18	Nickel	3.67E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.67E-07	0.83%
Total		4.45E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.45E-05	100.00%

Table 8a. MEIR Cancer Risk By Substance and Exposure Pathway

Bowman Plating Company, Compton, CA
Facility ID #18989
Receptor 264 | UTME 386790 | UTMN 3753732

Chemical Name	CAS #	Inhalation	Dermal	Soil	Mother's Milk	Plants	Oral Subtotal	Total	Contribution
Acetaldehyde	75070	9.45E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.45E-10	0.01%
Acrolein	107028	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00%
Benzene	71432	1.76E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.76E-08	0.16%
Cadmium	7440439	9.69E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.69E-10	0.01%
Chromium, hexavalent	18540299	1.09E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.09E-05	98.86%
Ethyl Benzene	100414	1.82E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.82E-09	0.02%
Formaldehyde	50000	7.85E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.85E-09	0.07%
Hexane	110543	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00%
Naphthalene	91203	7.90E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.90E-10	0.01%
Nickel	7440020	9.62E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.62E-08	0.87%
PAHs	1150	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00%
Propylene	115071	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00%
Toluene	108883	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00%
Xylene	1330207	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00%
Total		1.10E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E-05	100.00%

Table 8b. MEIR Cancer Risk By Source and Exposure Pathway

Bowman Plating Company, Compton, CA
Facility ID #18989
Receptor 264 | UTME 386790 | UTMN 3753732

Source ID	Source Name	Inhalation	Dermal	Soil	Mother's Milk	Plants	Oral Subtotal	Total	Contribution
Source 1	SB1	2.10E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.10E-06	19.05%
Source 2	SB2	2.23E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.23E-06	20.23%
Source 3	SB3	2.04E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.04E-06	18.51%
Source 4	SB4-1	1.35E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.35E-06	12.25%
Source 5	SB4-2	1.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.33E-06	12.06%
Source 6	SB4-3	9.21E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.21E-07	8.35%
Source 7	SB4-4	9.17E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.17E-07	8.32%
Source 8	Dryer	2.51E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.51E-09	0.02%
Source 9	Boiler 1	7.01E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.01E-09	0.06%
Source 10	Boiler 2	7.04E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.04E-09	0.06%
Source 11	Boiler 3	7.28E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.28E-09	0.07%
Source 12	Oven 1	6.65E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.65E-10	0.01%
Source 13	Oven 2	1.53E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.53E-09	0.01%
Source 14	Oven 3	1.45E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.45E-09	0.01%
Source 15	Oven 4	1.51E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.51E-09	0.01%
Source 16	Cadmium	9.69E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.69E-10	0.01%
Source 17	Chromium	9.62E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.62E-09	0.09%
Source 18	Nickel	9.62E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.62E-08	0.87%
Total		1.10E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E-05	100.00%

Table 9a. MEIW Cancer Risk By Substance and Exposure Pathway

Bowman Plating Company, Compton, CA
Facility ID #18989
Receptor 2255 | UTME 386792 | UTMN 3753792

Chemical Name	CAS #	Inhalation	Dermal	Soil	Mother's Milk	Plants	Oral Subtotal	Total	Contribution
Acetaldehyde	75070	1.15E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-09	0.01%
Acrolein	107028	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00%
Benzene	71432	2.15E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.15E-08	0.13%
Cadmium	7440439	1.46E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.46E-09	0.01%
Chromium, hexavalent	18540299	1.65E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.65E-05	98.96%
Ethyl Benzene	100414	2.22E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.22E-09	0.01%
Formaldehyde	50000	9.58E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.58E-09	0.06%
Hexane	110543	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00%
Naphthalene	91203	9.64E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.64E-10	0.01%
Nickel	7440020	1.37E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.37E-07	0.82%
PAHs	1150	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00%
Propylene	115071	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00%
Toluene	108883	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00%
Xylene	1330207	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00%
Total		1.67E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.67E-05	100.00%

Table 9b. MEIW Cancer Risk By Source and Exposure Pathway

Bowman Plating Company, Compton, CA
Facility ID #18989
Receptor 2255 | UTME 386792 | UTMN 3753792

Source ID	Source Name	Inhalation	Dermal	Soil	Mother's Milk	Plants	Oral Subtotal	Total	Contribution
Source 1	SB1	3.12E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.12E-06	18.71%
Source 2	SB2	2.95E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.95E-06	17.69%
Source 3	SB3	2.82E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.82E-06	16.91%
Source 4	SB4-1	1.98E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.98E-06	11.88%
Source 5	SB4-2	1.90E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.90E-06	11.40%
Source 6	SB4-3	1.85E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.85E-06	11.10%
Source 7	SB4-4	1.86E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.86E-06	11.16%
Source 8	Dryer	1.72E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.72E-09	0.01%
Source 9	Boiler 1	1.01E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-08	0.06%
Source 10	Boiler 2	9.33E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.33E-09	0.06%
Source 11	Boiler 3	1.02E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.02E-08	0.06%
Source 12	Oven 1	4.73E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.73E-10	0.00%
Source 13	Oven 2	1.75E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.75E-09	0.01%
Source 14	Oven 3	1.40E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-09	0.01%
Source 15	Oven 4	4.06E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.06E-10	0.00%
Source 16	Cadmium	1.46E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.46E-09	0.01%
Source 17	Chromium	1.98E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.98E-08	0.12%
Source 18	Nickel	1.37E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.37E-07	0.82%
Total		1.67E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.67E-05	100.00%

Table 10a. PMI Chronic Hazard By Substance

Bowman Plating Company, Compton, CA
Facility ID #18989
Receptor 2255 | UTME 386792 | UTMN 3753792

Chemical Name	CAS #	Cardiovascular System	Central Nervous System	Developmental System	Endocrine System	Eye	GILV	Kidney	Reproductive System	Respiratory System	Skin	Blood	MAX	Contribution
Acetaldehyde	75070	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.44E-05	0.00E+00	0.00E+00	1.44E-05	0.01%
Acrolein	107028	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.62E-03	0.00E+00	0.00E+00	3.62E-03	1.84%
Benzene	71432	0.00E+00	6.27E-05	6.27E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.27E-05	6.27E-05	0.03%
Cadmium	7440439	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.98E-05	0.00E+00	8.54E-05	0.00E+00	0.00E+00	8.98E-05	0.05%
Chromium, hexavalent	18540299	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.83E-03	0.00E+00	5.50E-05	2.83E-03	1.44%
Ethyl Benzene	100414	0.00E+00	0.00E+00	2.23E-06	2.23E-06	0.00E+00	2.23E-06	2.23E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.23E-06	0.00%
Formaldehyde	50000	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.87E-04	0.00E+00	0.00E+00	8.87E-04	0.45%
Hexane	110543	0.00E+00	4.23E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.23E-07	0.00%
Naphthalene	91203	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.56E-05	0.00E+00	0.00E+00	1.56E-05	0.01%
Nickel	7440020	0.00E+00	0.00E+00	9.87E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.89E-01	0.00E+00	1.89E-01	1.89E-01	96.11%
PAHs	1150	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00%
Propylene	115071	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.14E-04	0.00E+00	0.00E+00	1.14E-04	0.06%
Toluene	108883	0.00E+00	5.74E-05	5.74E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.74E-05	0.00E+00	0.00E+00	5.74E-05	0.03%
Xylene	1330207	0.00E+00	1.82E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.82E-05	0.00E+00	0.00E+00	1.82E-05	0.01%
Total		0.00E+00	1.39E-04	1.11E-03	2.23E-06	0.00E+00	2.23E-06	9.20E-05	0.00E+00	1.97E-01	0.00E+00	1.89E-01	1.97E-01	100%

Table 10b. PMI Chronic Hazard By Source

Bowman Plating Company, Compton, CA
Facility ID #18989
Receptor 2255 | UTME 386792 | UTMN 3753792

Source ID	Source Name	Cardiovascular System	Central Nervous System	Developmental System	Endocrine System	Eye	GILV	Kidney	Reproductive System	Respiratory System	Skin	Blood	MAX	Contribution
Source 1	SB1	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.36E-04	0.00E+00	1.04E-05	5.36E-04	0.27%
Source 2	SB2	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.06E-04	0.00E+00	9.82E-06	5.06E-04	0.26%
Source 3	SB3	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.83E-04	0.00E+00	9.38E-06	4.83E-04	0.25%
Source 4	SB4-1	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.39E-04	0.00E+00	6.59E-06	3.39E-04	0.17%
Source 5	SB4-2	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.27E-04	0.00E+00	6.35E-06	3.27E-04	0.17%
Source 6	SB4-3	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.17E-04	0.00E+00	6.15E-06	3.17E-04	0.16%
Source 7	SB4-4	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.20E-04	0.00E+00	6.21E-06	3.20E-04	0.16%
Source 8	Dryer	0.00E+00	6.74E-06	5.94E-06	1.08E-07	0.00E+00	1.08E-07	1.08E-07	0.00E+00	2.30E-04	0.00E+00	3.04E-06	2.30E-04	0.12%
Source 9	Boiler 1	0.00E+00	3.97E-05	3.50E-05	6.40E-07	0.00E+00	6.40E-07	6.40E-07	0.00E+00	1.35E-03	0.00E+00	1.79E-05	1.35E-03	0.69%
Source 10	Boiler 2	0.00E+00	3.65E-05	3.22E-05	5.89E-07	0.00E+00	5.89E-07	5.89E-07	0.00E+00	1.24E-03	0.00E+00	1.65E-05	1.24E-03	0.63%
Source 11	Boiler 3	0.00E+00	3.99E-05	3.52E-05	6.43E-07	0.00E+00	6.43E-07	6.43E-07	0.00E+00	1.36E-03	0.00E+00	1.80E-05	1.36E-03	0.69%
Source 12	Oven 1	0.00E+00	1.85E-06	1.63E-06	2.98E-08	0.00E+00	2.98E-08	2.98E-08	0.00E+00	6.32E-05	0.00E+00	8.36E-07	6.32E-05	0.03%
Source 13	Oven 2	0.00E+00	6.85E-06	6.04E-06	1.10E-07	0.00E+00	1.10E-07	1.10E-07	0.00E+00	2.34E-04	0.00E+00	3.10E-06	2.34E-04	0.12%
Source 14	Oven 3	0.00E+00	5.47E-06	4.82E-06	8.78E-08	0.00E+00	8.78E-08	8.78E-08	0.00E+00	1.87E-04	0.00E+00	2.47E-06	1.87E-04	0.10%
Source 15	Oven 4	0.00E+00	1.59E-06	1.40E-06	2.56E-08	0.00E+00	2.56E-08	2.56E-08	0.00E+00	5.43E-05	0.00E+00	7.18E-07	5.43E-05	0.03%
Source 16	Cadmium	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.98E-05	0.00E+00	8.54E-05	0.00E+00	0.00E+00	8.98E-05	0.05%
Source 17	Chromium	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.40E-06	0.00E+00	6.60E-08	3.40E-06	0.00%
Source 18	Nickel	0.00E+00	0.00E+00	9.87E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.89E-01	0.00E+00	1.89E-01	1.89E-01	96.11%
Total		0.00E+00	1.39E-04	1.11E-03	2.23E-06	0.00E+00	2.23E-06	9.20E-05	0.00E+00	1.97E-01	0.00E+00	1.89E-01	1.97E-01	100.00%

Table 11b. MEIR Chronic Hazard By Source

Bowman Plating Company, Compton, CA
Facility ID #18989
Receptor 264 | UTME 386790 | UTMN 3753732

Source ID	Source Name	Cardiovascular System	Central Nervous System	Developmental System	Endocrine System	Eye	GILV	Kidney	Reproductive System	Respiratory System	Skin	Blood	MAX	Contribution
Source 1	SB1	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.11E-05	0.00E+00	3.36E-06	7.11E-05	0.26%
Source 2	SB2	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.56E-05	0.00E+00	3.57E-06	7.56E-05	0.28%
Source 3	SB3	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.92E-05	0.00E+00	3.27E-06	6.92E-05	0.25%
Source 4	SB4-1	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.56E-05	0.00E+00	2.16E-06	4.56E-05	0.17%
Source 5	SB4-2	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.52E-05	0.00E+00	2.13E-06	4.52E-05	0.17%
Source 6	SB4-3	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.12E-05	0.00E+00	1.47E-06	3.12E-05	0.11%
Source 7	SB4-4	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.11E-05	0.00E+00	1.47E-06	3.11E-05	0.11%
Source 8	Dryer	0.00E+00	1.94E-06	1.71E-06	3.12E-08	0.00E+00	3.12E-08	3.12E-08	0.00E+00	6.63E-05	0.00E+00	8.79E-07	6.63E-05	0.24%
Source 9	Boiler 1	0.00E+00	5.42E-06	4.78E-06	8.73E-08	0.00E+00	8.73E-08	8.73E-08	0.00E+00	1.85E-04	0.00E+00	2.45E-06	1.85E-04	0.68%
Source 10	Boiler 2	0.00E+00	5.44E-06	4.80E-06	8.76E-08	0.00E+00	8.76E-08	8.76E-08	0.00E+00	1.85E-04	0.00E+00	2.46E-06	1.85E-04	0.68%
Source 11	Boiler 3	0.00E+00	5.63E-06	4.96E-06	9.07E-08	0.00E+00	9.07E-08	9.07E-08	0.00E+00	1.92E-04	0.00E+00	2.54E-06	1.92E-04	0.70%
Source 12	Oven 1	0.00E+00	5.15E-07	4.53E-07	8.28E-09	0.00E+00	8.28E-09	8.28E-09	0.00E+00	1.76E-05	0.00E+00	2.32E-07	1.76E-05	0.06%
Source 13	Oven 2	0.00E+00	1.18E-06	1.04E-06	1.90E-08	0.00E+00	1.90E-08	1.90E-08	0.00E+00	4.04E-05	0.00E+00	5.35E-07	4.04E-05	0.15%
Source 14	Oven 3	0.00E+00	1.12E-06	9.86E-07	1.79E-08	0.00E+00	1.79E-08	1.79E-08	0.00E+00	3.82E-05	0.00E+00	5.06E-07	3.82E-05	0.14%
Source 15	Oven 4	0.00E+00	1.17E-06	1.03E-06	1.88E-08	0.00E+00	1.88E-08	1.88E-08	0.00E+00	3.98E-05	0.00E+00	5.27E-07	3.98E-05	0.15%
Source 16	Cadmium	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.67E-05	0.00E+00	1.12E-05	0.00E+00	0.00E+00	1.67E-05	0.06%
Source 17	Chromium	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.26E-07	0.00E+00	1.54E-08	3.26E-07	0.00%
Source 18	Nickel	0.00E+00	0.00E+00	4.16E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.61E-02	0.00E+00	2.61E-02	2.61E-02	95.78%
Total		0.00E+00	2.24E-05	4.36E-04	3.61E-07	0.00E+00	3.61E-07	1.71E-05	0.00E+00	2.72E-02	0.00E+00	2.61E-02	2.73E-02	100.00%

Table 11a. MEIR Chronic Hazard By Substance

Bowman Plating Company, Compton, CA
Facility ID #18989
Receptor 264 | UTME 386790 | UTMN 3753732

Chemical Name	CAS #	Cardiovascular System	Central Nervous System	Developmental System	Endocrine System	Eye	GILV	Kidney	Reproductive System	Respiratory System	Skin	Blood	MAX	Contribution
Acetaldehyde	75070	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.33E-06	0.00E+00	0.00E+00	2.33E-06	0.01%
Acrolein	107028	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.85E-04	0.00E+00	0.00E+00	5.85E-04	2.15%
Benzene	71432	0.00E+00	1.01E-05	1.01E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-05	1.01E-05	0.04%
Cadmium	7440439	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.67E-05	0.00E+00	1.12E-05	0.00E+00	0.00E+00	1.67E-05	0.06%
Chromium, hexavalent	18540299	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.69E-04	0.00E+00	1.74E-05	3.69E-04	1.35%
Ethyl Benzene	100414	0.00E+00	0.00E+00	3.61E-07	3.61E-07	0.00E+00	3.61E-07	3.61E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.61E-07	0.00%
Formaldehyde	50000	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E-04	0.00E+00	0.00E+00	1.43E-04	0.52%
Hexane	110543	0.00E+00	6.83E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.83E-08	0.00%
Naphthalene	91203	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.53E-06	0.00E+00	0.00E+00	2.53E-06	0.01%
Nickel	7440020	0.00E+00	0.00E+00	4.16E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.61E-02	0.00E+00	2.61E-02	2.61E-02	95.75%
PAHs	1150	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00%
Propylene	115071	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.85E-05	0.00E+00	0.00E+00	1.85E-05	0.07%
Toluene	108883	0.00E+00	9.27E-06	9.27E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.27E-06	0.00E+00	0.00E+00	9.27E-06	0.03%
Xylene	1330207	0.00E+00	2.95E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.95E-06	0.00E+00	0.00E+00	2.95E-06	0.01%
Total		0.00E+00	2.24E-05	4.36E-04	3.61E-07	0.00E+00	3.61E-07	1.71E-05	0.00E+00	2.72E-02	0.00E+00	2.61E-02	2.73E-02	100.00%

Table 12a. MEIW Chronic Hazard By Substance

Bowman Plating Company, Compton, CA
Facility ID #18989
Receptor 2255 | UTME 386792 | UTMN 3753792

Chemical Name	CAS #	Cardiovascular System	Central Nervous System	Developmental System	Endocrine System	Eye	GILV	Kidney	Reproductive System	Respiratory System	Skin	Blood	MAX	Contribution
Acetaldehyde	75070	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.44E-05	0.00E+00	0.00E+00	1.44E-05	0.01%
Acrolein	107028	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.62E-03	0.00E+00	0.00E+00	3.62E-03	1.84%
Benzene	71432	0.00E+00	6.27E-05	6.27E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.27E-05	6.27E-05	0.03%
Cadmium	7440439	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.98E-05	0.00E+00	8.54E-05	0.00E+00	0.00E+00	8.98E-05	0.05%
Chromium, hexavalent	18540299	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.83E-03	0.00E+00	5.50E-05	2.83E-03	1.44%
Ethyl Benzene	100414	0.00E+00	0.00E+00	2.23E-06	2.23E-06	0.00E+00	2.23E-06	2.23E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.23E-06	0.00%
Formaldehyde	50000	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.87E-04	0.00E+00	0.00E+00	8.87E-04	0.45%
Hexane	110543	0.00E+00	4.23E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.23E-07	0.00%
Naphthalene	91203	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.56E-05	0.00E+00	0.00E+00	1.56E-05	0.01%
Nickel	7440020	0.00E+00	0.00E+00	9.87E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.89E-01	0.00E+00	1.89E-01	1.89E-01	96.11%
PAHs	1150	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00%
Propylene	115071	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.14E-04	0.00E+00	0.00E+00	1.14E-04	0.06%
Toluene	108883	0.00E+00	5.74E-05	5.74E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.74E-05	0.00E+00	0.00E+00	5.74E-05	0.03%
Xylene	1330207	0.00E+00	1.82E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.82E-05	0.00E+00	0.00E+00	1.82E-05	0.01%
Total		0.00E+00	1.39E-04	1.11E-03	2.23E-06	0.00E+00	2.23E-06	9.20E-05	0.00E+00	1.97E-01	0.00E+00	1.89E-01	1.97E-01	100%

Table 12b. MEIW Chronic Hazard By Source

Bowman Plating Company, Compton, CA
Facility ID #18989
Receptor 2255 | UTME 386792 | UTMN 3753792

Source ID	Source Name	Cardiovascular System	Central Nervous System	Developmental System	Endocrine System	Eye	GILV	Kidney	Reproductive System	Respiratory System	Skin	Blood	MAX	Contribution
Source 1	SB1	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.36E-04	0.00E+00	1.04E-05	5.36E-04	0.27%
Source 2	SB2	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.06E-04	0.00E+00	9.82E-06	5.06E-04	0.26%
Source 3	SB3	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.83E-04	0.00E+00	9.38E-06	4.83E-04	0.25%
Source 4	SB4-1	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.39E-04	0.00E+00	6.59E-06	3.39E-04	0.17%
Source 5	SB4-2	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.27E-04	0.00E+00	6.35E-06	3.27E-04	0.17%
Source 6	SB4-3	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.17E-04	0.00E+00	6.15E-06	3.17E-04	0.16%
Source 7	SB4-4	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.20E-04	0.00E+00	6.21E-06	3.20E-04	0.16%
Source 8	Dryer	0.00E+00	6.74E-06	5.94E-06	1.08E-07	0.00E+00	1.08E-07	1.08E-07	0.00E+00	2.30E-04	0.00E+00	3.04E-06	2.30E-04	0.12%
Source 9	Boiler 1	0.00E+00	3.97E-05	3.50E-05	6.40E-07	0.00E+00	6.40E-07	6.40E-07	0.00E+00	1.35E-03	0.00E+00	1.79E-05	1.35E-03	0.69%
Source 10	Boiler 2	0.00E+00	3.65E-05	3.22E-05	5.89E-07	0.00E+00	5.89E-07	5.89E-07	0.00E+00	1.24E-03	0.00E+00	1.65E-05	1.24E-03	0.63%
Source 11	Boiler 3	0.00E+00	3.99E-05	3.52E-05	6.43E-07	0.00E+00	6.43E-07	6.43E-07	0.00E+00	1.36E-03	0.00E+00	1.80E-05	1.36E-03	0.69%
Source 12	Oven 1	0.00E+00	1.85E-06	1.63E-06	2.98E-08	0.00E+00	2.98E-08	2.98E-08	0.00E+00	6.32E-05	0.00E+00	8.36E-07	6.32E-05	0.03%
Source 13	Oven 2	0.00E+00	6.85E-06	6.04E-06	1.10E-07	0.00E+00	1.10E-07	1.10E-07	0.00E+00	2.34E-04	0.00E+00	3.10E-06	2.34E-04	0.12%
Source 14	Oven 3	0.00E+00	5.47E-06	4.82E-06	8.78E-08	0.00E+00	8.78E-08	8.78E-08	0.00E+00	1.87E-04	0.00E+00	2.47E-06	1.87E-04	0.10%
Source 15	Oven 4	0.00E+00	1.59E-06	1.40E-06	2.56E-08	0.00E+00	2.56E-08	2.56E-08	0.00E+00	5.43E-05	0.00E+00	7.18E-07	5.43E-05	0.03%
Source 16	Cadmium	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.98E-05	0.00E+00	8.54E-05	0.00E+00	0.00E+00	8.98E-05	0.05%
Source 17	Chromium	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.40E-06	0.00E+00	6.60E-08	3.40E-06	0.00%
Source 18	Nickel	0.00E+00	0.00E+00	9.87E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.89E-01	0.00E+00	1.89E-01	1.89E-01	96.11%
Total		0.00E+00	1.39E-04	1.11E-03	2.23E-06	0.00E+00	2.23E-06	9.20E-05	0.00E+00	1.97E-01	0.00E+00	1.89E-01	1.97E-01	100.00%

Table 13a. PMI Acute Hazard By Substance

Bowman Plating Company, Compton, CA
Facility ID #18989
Receptor 2255 | UTME 386792 | UTMN 3753792

Chemical Name	CAS #	Cardiovascular System	Central Nervous System	Developmental System	Endocrine System	Eye	GILV	Immun	Kidney	Reproductive System	Respiratory System	Skin	Blood	MAX	Contribution
Acetaldehyde	75070	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.25E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.25E-05	0.00E+00	0.00E+00	3.25E-05	0.08%
Acrolein	107028	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.83E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.83E-03	0.00E+00	0.00E+00	3.83E-03	9.88%
Benzene	71432	0.00E+00	0.00E+00	2.19E-05	0.00E+00	0.00E+00	0.00E+00	2.19E-05	0.00E+00	2.19E-05	0.00E+00	0.00E+00	2.19E-05	2.19E-05	0.11%
Cadmium	7440439	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00%
Chromium, hexavalent	18540299	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00%
Ethyl Benzene	100414	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00%
Formaldehyde	50000	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E-03	1.42%
Hexane	110543	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00%
Naphthalene	91203	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00%
Nickel	7440020	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.86E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.86E-02	88.47%
PAHs	1150	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00%
Propylene	115071	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00%
Toluene	108883	0.00E+00	3.51E-06	3.51E-06	0.00E+00	3.51E-06	0.00E+00	0.00E+00	0.00E+00	3.51E-06	3.51E-06	0.00E+00	0.00E+00	3.51E-06	0.02%
Xylene	1330207	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.39E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.39E-06	0.00E+00	0.00E+00	4.39E-06	0.01%
Total		0.00E+00	3.51E-06	2.54E-05	0.00E+00	4.97E-03	0.00E+00	6.86E-02	0.00E+00	2.54E-05	3.87E-03	0.00E+00	2.19E-05	7.75E-02	100.00%

Table 13b. PMI Acute Hazard By Source

Bowman Plating Company, Compton, CA
Facility ID #18989
Receptor 2255 | UTME 386792 | UTMN 3753792

Source ID	Source Name	Cardiovascular System	Central Nervous System	Developmental System	Endocrine System	Eye	GILV	Immun	Kidney	Reproductive System	Respiratory System	Skin	Blood	MAX	Contribution
Source 1	SB1	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00%
Source 2	SB2	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00%
Source 3	SB3	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00%
Source 4	SB4-1	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00%
Source 5	SB4-2	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00%
Source 6	SB4-3	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00%
Source 7	SB4-4	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00%
Source 8	Dryer	0.00E+00	3.12E-07	2.25E-06	0.00E+00	4.41E-04	0.00E+00	1.94E-06	0.00E+00	2.25E-06	3.43E-04	0.00E+00	1.94E-06	4.41E-04	1.02%
Source 9	Boiler 1	0.00E+00	8.21E-07	5.93E-06	0.00E+00	1.16E-03	0.00E+00	5.11E-06	0.00E+00	5.93E-06	9.05E-04	0.00E+00	5.11E-06	1.16E-03	2.69%
Source 10	Boiler 2	0.00E+00	8.33E-07	6.02E-06	0.00E+00	1.18E-03	0.00E+00	5.18E-06	0.00E+00	6.02E-06	9.19E-04	0.00E+00	5.18E-06	1.18E-03	2.74%
Source 11	Boiler 3	0.00E+00	8.96E-07	6.47E-06	0.00E+00	1.27E-03	0.00E+00	5.58E-06	0.00E+00	6.47E-06	9.88E-04	0.00E+00	5.58E-06	1.27E-03	2.94%
Source 12	Oven 1	0.00E+00	7.04E-08	5.09E-07	0.00E+00	9.97E-05	0.00E+00	4.39E-07	0.00E+00	5.09E-07	7.77E-05	0.00E+00	4.39E-07	9.97E-05	0.23%
Source 13	Oven 2	0.00E+00	2.21E-07	1.59E-06	0.00E+00	3.13E-04	0.00E+00	1.37E-06	0.00E+00	1.59E-06	2.44E-04	0.00E+00	1.37E-06	3.13E-04	0.73%
Source 14	Oven 3	0.00E+00	1.93E-07	1.39E-06	0.00E+00	2.73E-04	0.00E+00	1.20E-06	0.00E+00	1.39E-06	2.13E-04	0.00E+00	1.20E-06	2.73E-04	0.63%
Source 15	Oven 4	0.00E+00	1.66E-07	1.20E-06	0.00E+00	2.36E-04	0.00E+00	1.04E-06	0.00E+00	1.20E-06	1.84E-04	0.00E+00	1.04E-06	2.36E-04	0.55%
Source 16	Cadmium	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00%
Source 17	Chromium	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00%
Source 18	Nickel	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.86E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.86E-02	88.47%
Total		0.00E+00	3.51E-06	2.54E-05	0.00E+00	4.97E-03	0.00E+00	6.86E-02	0.00E+00	2.54E-05	3.87E-03	0.00E+00	2.19E-05	7.75E-02	100.00%

Table 14a. MEIR Acute Hazard By Substance

Bowman Plating Company, Compton, CA
Facility ID #18989
Receptor 246 | UTME 386770 | UTMN 3753732

Chemical Name	CAS #	Cardiovascular System	Central Nervous System	Developmental System	Endocrine System	Eye	GILV	Immun	Kidney	Reproductive System	Respiratory System	Skin	Blood	MAX	Contribution
Acetaldehyde	75070	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.58E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.58E-05	0.00E+00	0.00E+00	5.58E-05	0.18%
Acrolein	107028	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.58E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.58E-03	0.00E+00	0.00E+00	6.58E-03	21.18%
Benzene	71432	0.00E+00	0.00E+00	3.75E-05	0.00E+00	0.00E+00	0.00E+00	3.75E-05	0.00E+00	3.75E-05	0.00E+00	0.00E+00	3.75E-05	3.75E-05	0.24%
Cadmium	7440439	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00%
Chromium, hexavalent	18540299	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00%
Ethyl Benzene	100414	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00%
Formaldehyde	50000	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.88E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.88E-03	3.03%
Hexane	110543	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00%
Naphthalene	91203	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00%
Nickel	7440020	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.68E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.68E-02	75.31%
PAHs	1150	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00%
Propylene	115071	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00%
Toluene	108883	0.00E+00	6.03E-06	6.03E-06	0.00E+00	6.03E-06	0.00E+00	0.00E+00	0.00E+00	6.03E-06	6.03E-06	0.00E+00	0.00E+00	6.03E-06	0.05%
Xylene	1330207	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.53E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.53E-06	0.00E+00	0.00E+00	7.53E-06	0.02%
Total		0.00E+00	6.03E-06	4.35E-05	0.00E+00	8.53E-03	0.00E+00	4.68E-02	0.00E+00	4.35E-05	6.65E-03	0.00E+00	3.75E-05	6.21E-02	100.00%

Table 14b. MEIR Acute Hazard By Source

Bowman Plating Company, Compton, CA
Facility ID #18989
Receptor 246 | UTME 386770 | UTMN 3753732

Source ID	Source Name	Cardiovascular System	Central Nervous System	Developmental System	Endocrine System	Eye	GILV	Immun	Kidney	Reproductive System	Respiratory System	Skin	Blood	MAX	Contribution
Source 1	SB1	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00%
Source 2	SB2	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00%
Source 3	SB3	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00%
Source 4	SB4-1	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00%
Source 5	SB4-2	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00%
Source 6	SB4-3	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00%
Source 7	SB4-4	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00%
Source 8	Dryer	0.00E+00	3.31E-07	2.39E-06	0.00E+00	4.68E-04	0.00E+00	2.06E-06	0.00E+00	2.39E-06	3.64E-04	0.00E+00	2.06E-06	4.68E-04	1.35%
Source 9	Boiler 1	0.00E+00	1.52E-06	1.10E-05	0.00E+00	2.15E-03	0.00E+00	9.47E-06	0.00E+00	1.10E-05	1.68E-03	0.00E+00	9.47E-06	2.15E-03	6.23%
Source 10	Boiler 2	0.00E+00	1.71E-06	1.23E-05	0.00E+00	2.42E-03	0.00E+00	1.06E-05	0.00E+00	1.23E-05	1.89E-03	0.00E+00	1.06E-05	2.42E-03	7.01%
Source 11	Boiler 3	0.00E+00	1.87E-06	1.35E-05	0.00E+00	2.65E-03	0.00E+00	1.16E-05	0.00E+00	1.35E-05	2.06E-03	0.00E+00	1.16E-05	2.65E-03	7.66%
Source 12	Oven 1	0.00E+00	6.82E-08	4.93E-07	0.00E+00	9.65E-05	0.00E+00	4.25E-07	0.00E+00	4.93E-07	7.52E-05	0.00E+00	4.25E-07	9.65E-05	0.28%
Source 13	Oven 2	0.00E+00	1.70E-07	1.23E-06	0.00E+00	2.41E-04	0.00E+00	1.06E-06	0.00E+00	1.23E-06	1.88E-04	0.00E+00	1.06E-06	2.41E-04	0.70%
Source 14	Oven 3	0.00E+00	1.87E-07	1.35E-06	0.00E+00	2.65E-04	0.00E+00	1.16E-06	0.00E+00	1.35E-06	2.06E-04	0.00E+00	1.16E-06	2.65E-04	0.77%
Source 15	Oven 4	0.00E+00	1.71E-07	1.24E-06	0.00E+00	2.42E-04	0.00E+00	1.07E-06	0.00E+00	1.24E-06	1.89E-04	0.00E+00	1.07E-06	2.42E-04	0.70%
Source 16	Cadmium	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00%
Source 17	Chromium	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00%
Source 18	Nickel	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.68E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.68E-02	75.30%
Total		0.00E+00	6.03E-06	4.35E-05	0.00E+00	8.53E-03	0.00E+00	4.68E-02	0.00E+00	4.35E-05	6.65E-03	0.00E+00	3.74E-05	6.22E-02	100.00%

Table 15a. MEIW Acute Hazard By Substance

Bowman Plating Company, Compton, CA
Facility ID #18989
Receptor 2255 | UTME 386792 | UTMN 3753792

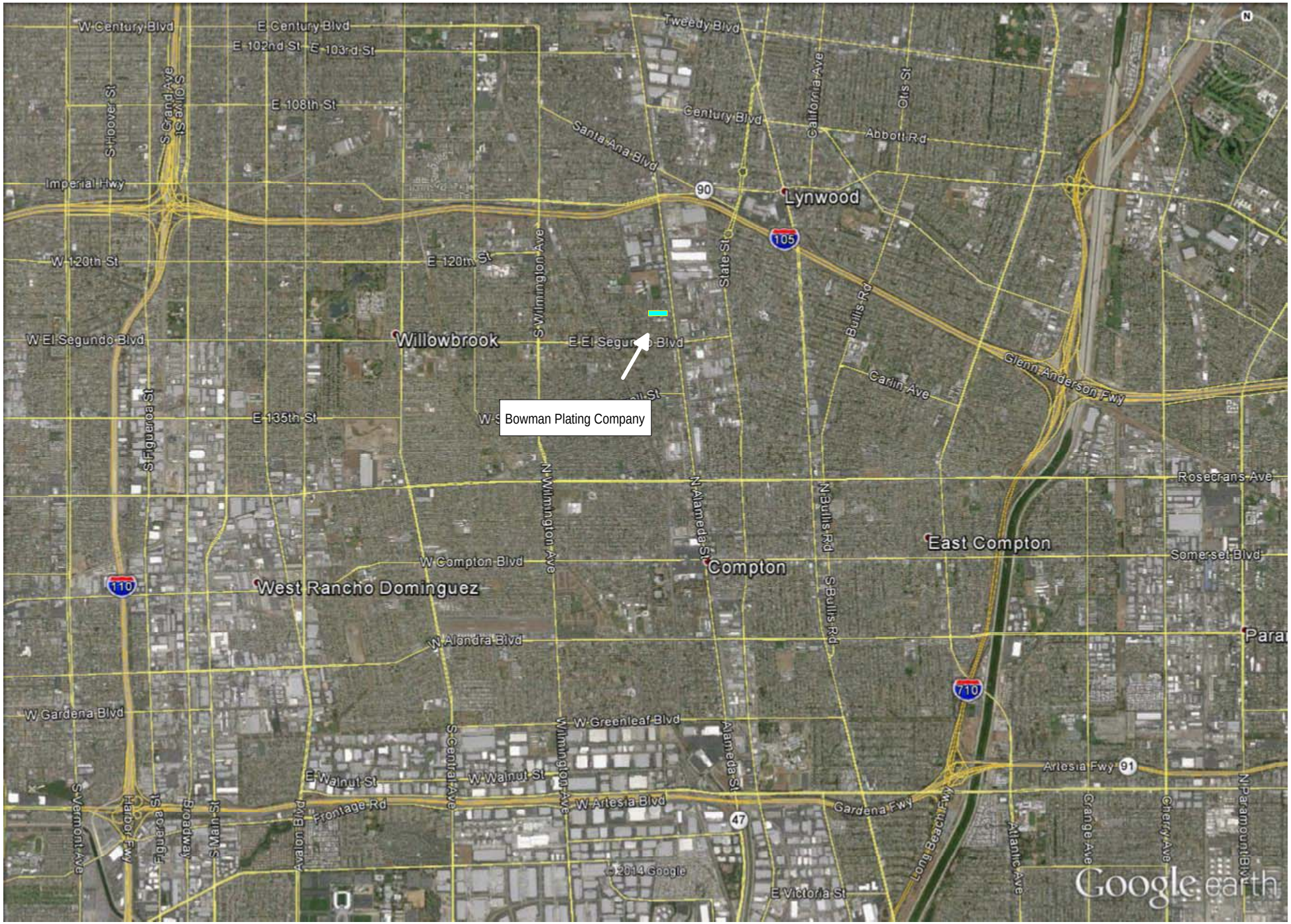
Chemical Name	CAS #	Cardiovascular System	Central Nervous System	Developmental System	Endocrine System	Eye	GILV	Immun	Kidney	Reproductive System	Respiratory System	Skin	Blood	MAX	Contribution
Acetaldehyde	75070	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.25E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.25E-05	0.00E+00	0.00E+00	3.25E-05	0.08%
Acrolein	107028	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.83E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.83E-03	0.00E+00	0.00E+00	3.83E-03	9.88%
Benzene	71432	0.00E+00	0.00E+00	2.19E-05	0.00E+00	0.00E+00	0.00E+00	2.19E-05	0.00E+00	2.19E-05	0.00E+00	0.00E+00	2.19E-05	2.19E-05	0.11%
Cadmium	7440439	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00%
Chromium, hexavalent	18540299	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00%
Ethyl Benzene	100414	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00%
Formaldehyde	50000	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E-03	1.42%
Hexane	110543	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00%
Naphthalene	91203	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00%
Nickel	7440020	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.86E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.86E-02	88.47%
PAHs	1150	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00%
Propylene	115071	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00%
Toluene	108883	0.00E+00	3.51E-06	3.51E-06	0.00E+00	3.51E-06	0.00E+00	0.00E+00	0.00E+00	3.51E-06	3.51E-06	0.00E+00	0.00E+00	3.51E-06	0.02%
Xylene	1330207	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.39E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.39E-06	0.00E+00	0.00E+00	4.39E-06	0.01%
Total		0.00E+00	3.51E-06	2.54E-05	0.00E+00	4.97E-03	0.00E+00	6.86E-02	0.00E+00	2.54E-05	3.87E-03	0.00E+00	2.19E-05	7.75E-02	100.00%

Table 15b. MEIW Acute Hazard By Source

Bowman Plating Company, Compton, CA
Facility ID #18989
Receptor 2255 | UTME 386792 | UTMN 3753792

Source ID	Source Name	Cardiovascular System	Central Nervous System	Developmental System	Endocrine System	Eye	GILV	Immun	Kidney	Reproductive System	Respiratory System	Skin	Blood	MAX	Contribution
Source 1	SB1	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00%
Source 2	SB2	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00%
Source 3	SB3	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00%
Source 4	SB4-1	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00%
Source 5	SB4-2	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00%
Source 6	SB4-3	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00%
Source 7	SB4-4	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00%
Source 8	Dryer	0.00E+00	3.12E-07	2.25E-06	0.00E+00	4.41E-04	0.00E+00	1.94E-06	0.00E+00	2.25E-06	3.43E-04	0.00E+00	1.94E-06	4.41E-04	1.02%
Source 9	Boiler 1	0.00E+00	8.21E-07	5.93E-06	0.00E+00	1.16E-03	0.00E+00	5.11E-06	0.00E+00	5.93E-06	9.05E-04	0.00E+00	5.11E-06	1.16E-03	2.69%
Source 10	Boiler 2	0.00E+00	8.33E-07	6.02E-06	0.00E+00	1.18E-03	0.00E+00	5.18E-06	0.00E+00	6.02E-06	9.19E-04	0.00E+00	5.18E-06	1.18E-03	2.74%
Source 11	Boiler 3	0.00E+00	8.96E-07	6.47E-06	0.00E+00	1.27E-03	0.00E+00	5.58E-06	0.00E+00	6.47E-06	9.88E-04	0.00E+00	5.58E-06	1.27E-03	2.94%
Source 12	Oven 1	0.00E+00	7.04E-08	5.09E-07	0.00E+00	9.97E-05	0.00E+00	4.39E-07	0.00E+00	5.09E-07	7.77E-05	0.00E+00	4.39E-07	9.97E-05	0.23%
Source 13	Oven 2	0.00E+00	2.21E-07	1.59E-06	0.00E+00	3.13E-04	0.00E+00	1.37E-06	0.00E+00	1.59E-06	2.44E-04	0.00E+00	1.37E-06	3.13E-04	0.73%
Source 14	Oven 3	0.00E+00	1.93E-07	1.39E-06	0.00E+00	2.73E-04	0.00E+00	1.20E-06	0.00E+00	1.39E-06	2.13E-04	0.00E+00	1.20E-06	2.73E-04	0.63%
Source 15	Oven 4	0.00E+00	1.66E-07	1.20E-06	0.00E+00	2.36E-04	0.00E+00	1.04E-06	0.00E+00	1.20E-06	1.84E-04	0.00E+00	1.04E-06	2.36E-04	0.55%
Source 16	Cadmium	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00%
Source 17	Chromium	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00%
Source 18	Nickel	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.86E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.86E-02	88.47%
Total		0.00E+00	3.51E-06	2.54E-05	0.00E+00	4.97E-03	0.00E+00	6.86E-02	0.00E+00	2.54E-05	3.87E-03	0.00E+00	2.19E-05	7.75E-02	100.00%

FIGURES



Facility:

Bowman Plating Company
aerospace division

2631 E. 126th Street
Compton, CA 90222

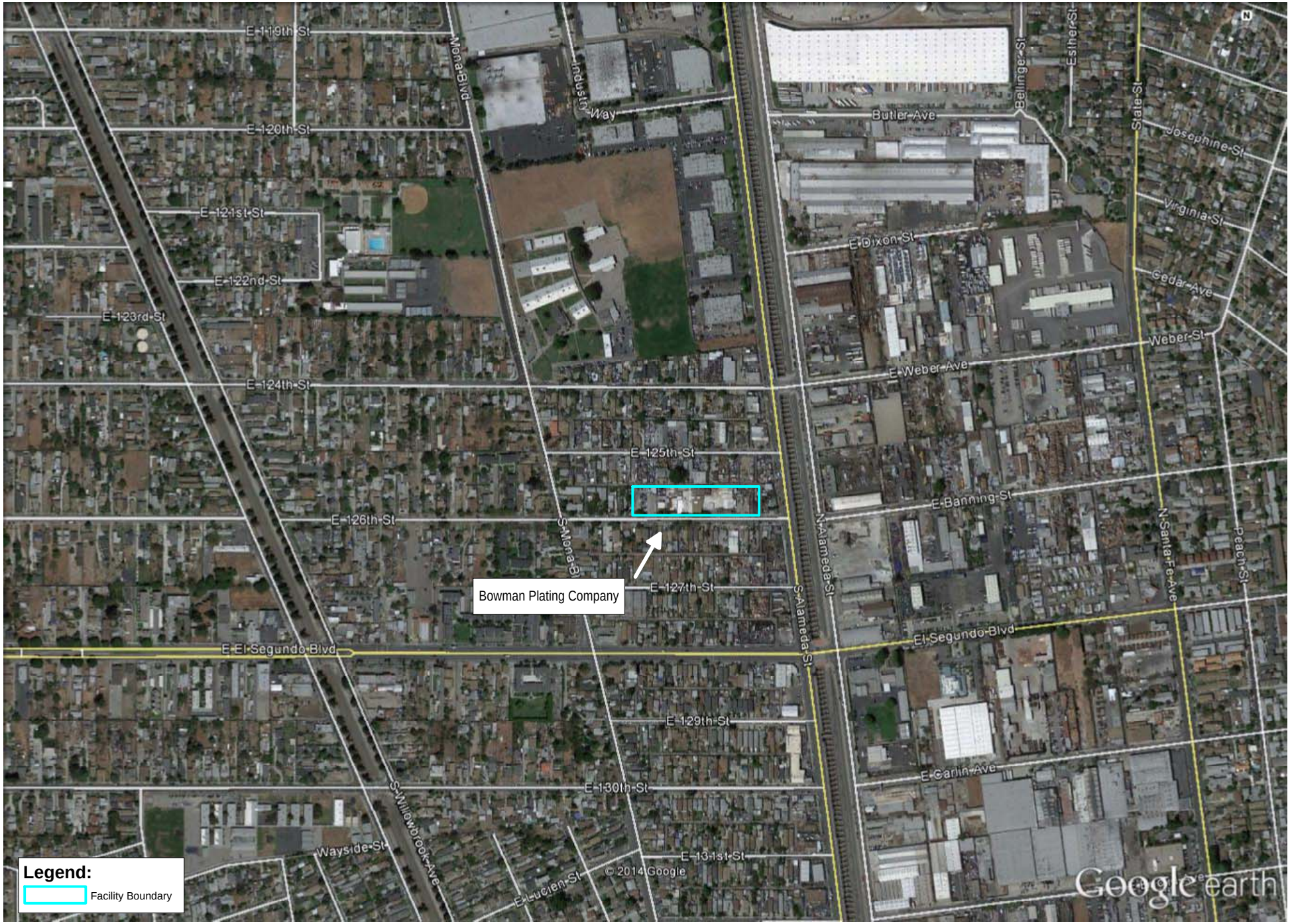
Prepared By:

Trinity Consultants

20 Corporate Park Suite 200
Irvine, CA 92606

Location Map

Project	Date	Figure
140504.0087	October 2014	1



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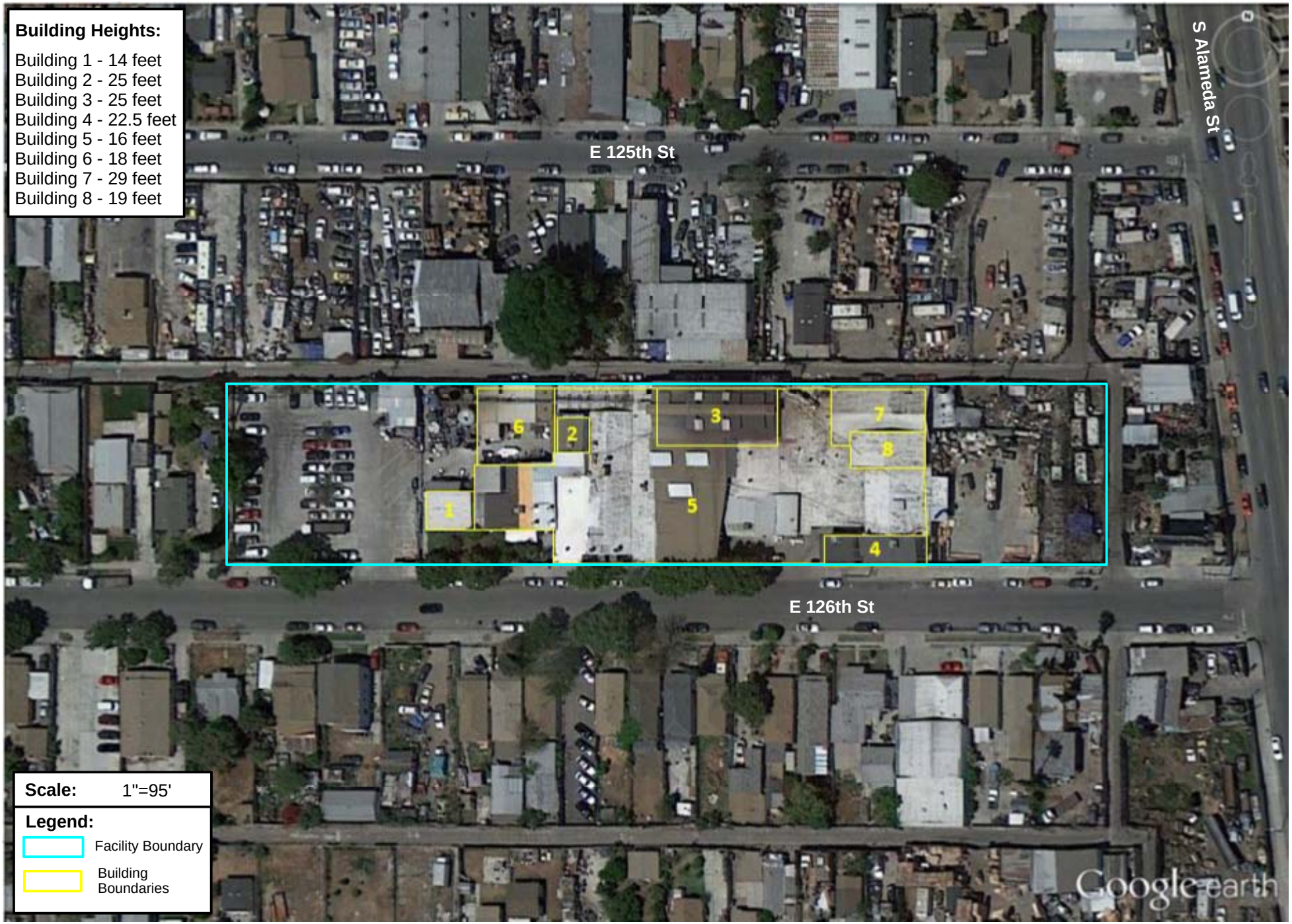
Vicinity Map

Project	Date	Figure
140504.0087	October 2014	2



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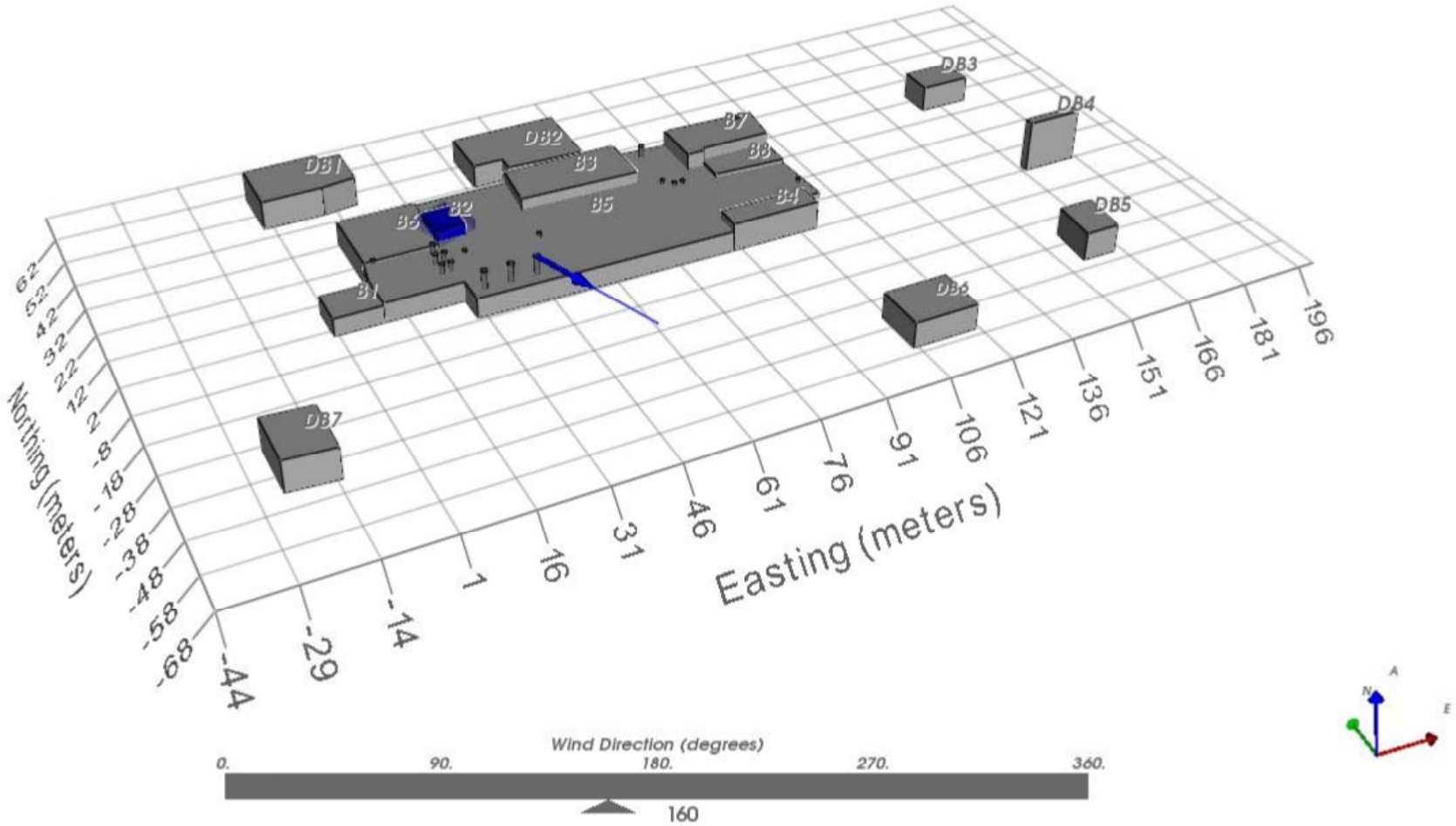
Site Plot Plan

Project	Date	Figure
140504.0087	October 2014	3a



BREEZE Downwash Analyst

Facility:	Prepared By:	Model Plan		
Bowman Plating Company aerospace division 2631 E. 126th Street Compton, CA 90222	Trinity Consultants 20 Corporate Park Suite 200 Irvine, CA 92606	Project 140504.0087	Date October 2014	Figure 3b

Facility:

Bowman Plating Company
aerospace division

2631 E. 126th Street
Compton, CA 90222

Prepared By:

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Emission Sources

Project	Date	Figure
140504.0087	October 2014	4

Facility:

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aerospace division

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Prepared By:

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Zoning Map

Project	Date	Figure
140504.0087	October 2014	5a

WGS 1984 Datum | UTM Zone 11N

Facility:

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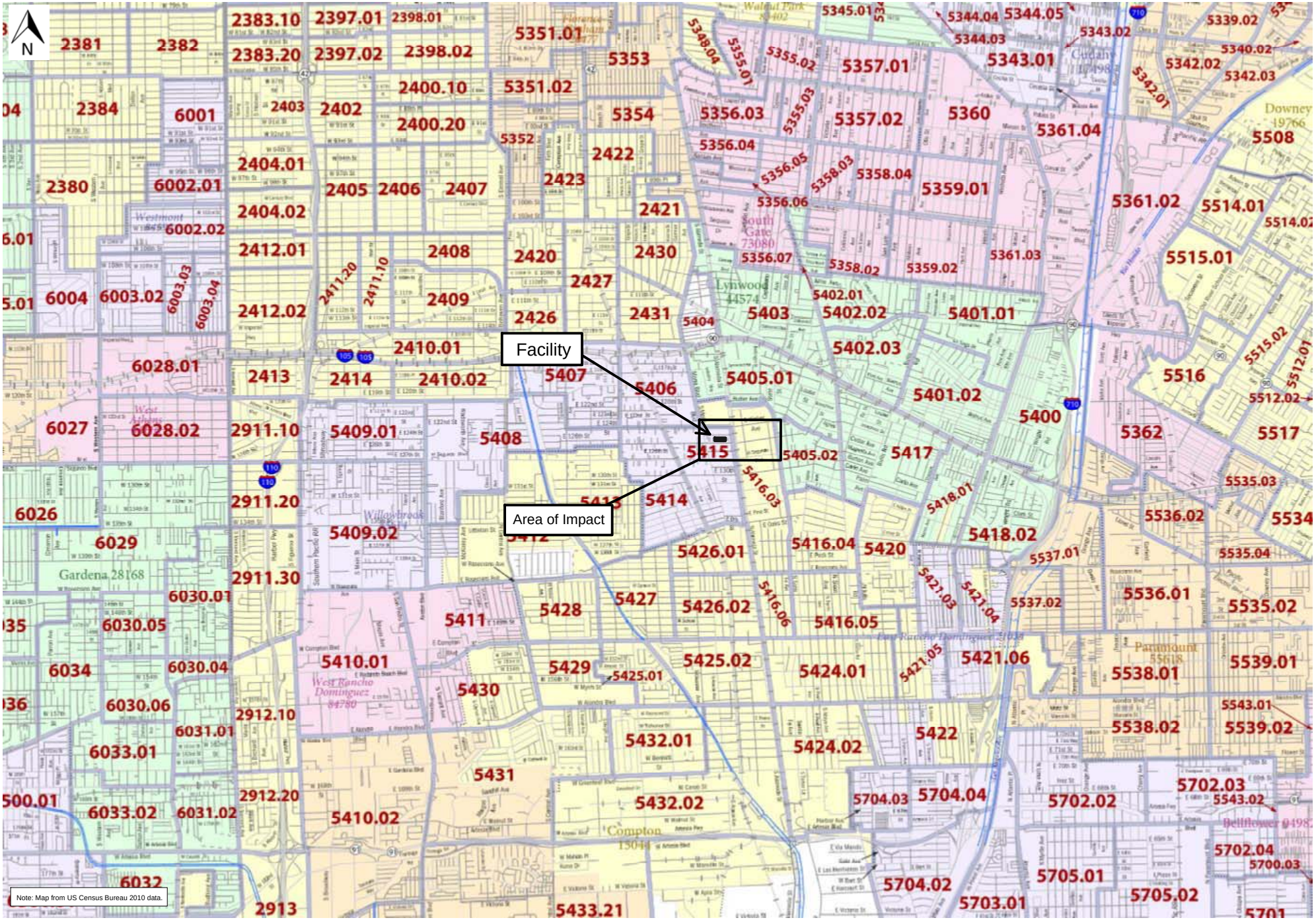
Surrounding Land Use

Project	Date	Figure
140504.0087	October 2014	5b



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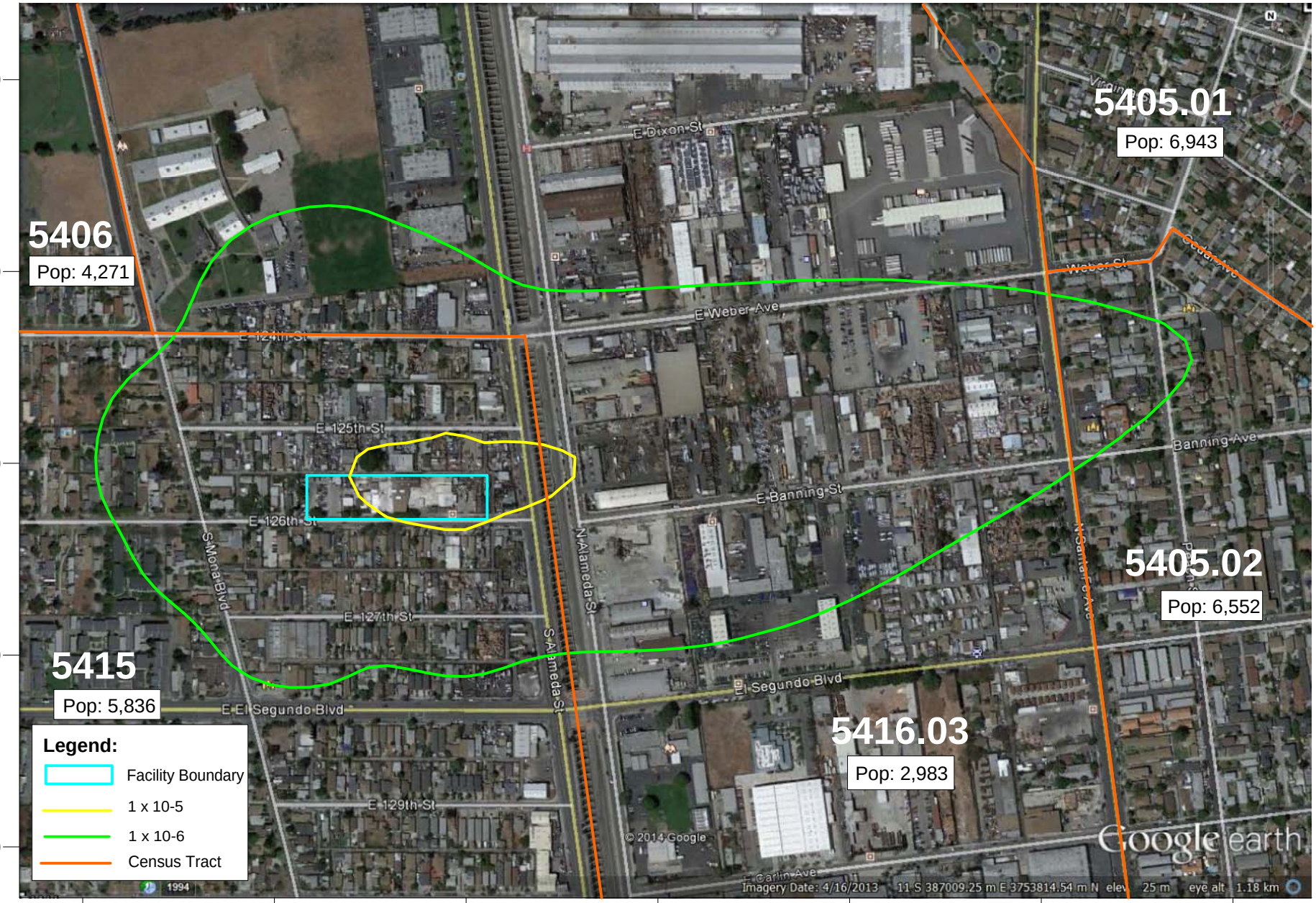
Census Tract Map

Project	Date	Figure
140504.0087	October 2014	6a



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3753400

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WGS 1984 Datum | UTM Zone 11N

Facility:
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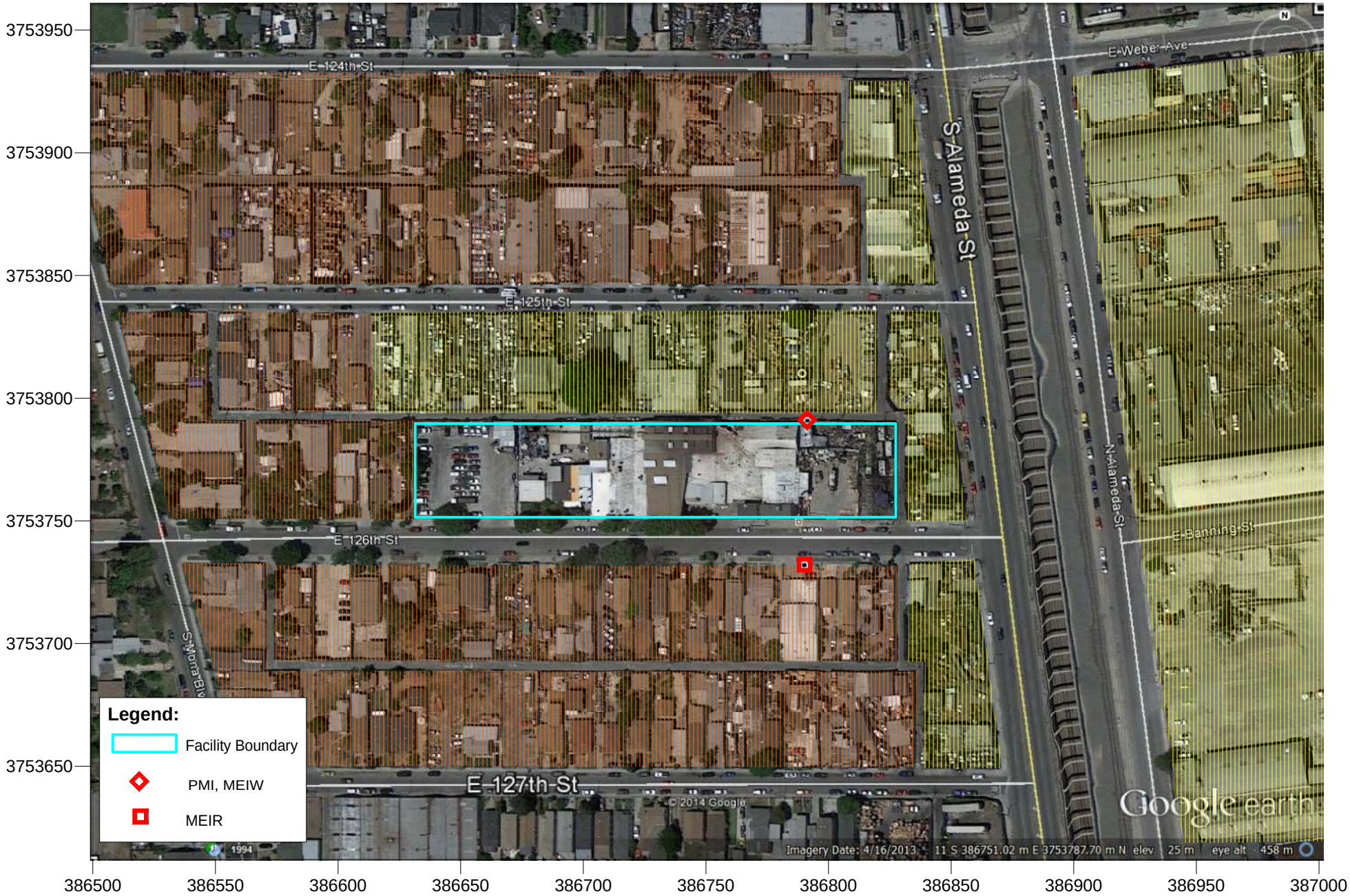
Census Tract Map- Zone of Impact

Project	Date	Figure
140504.0087	October 2014	6b



WGS 1984 Datum | UTM Zone 11N

Facility:

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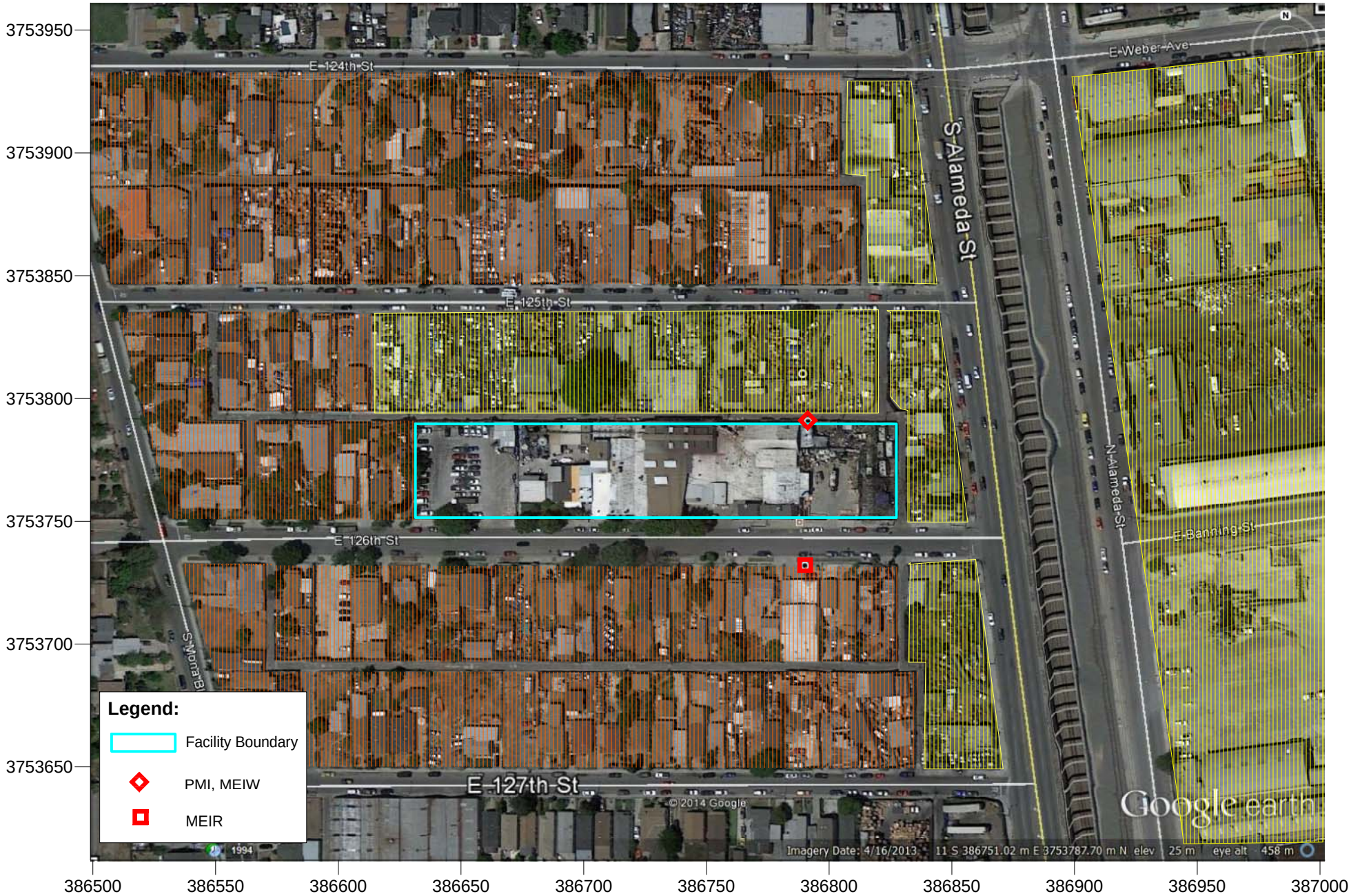
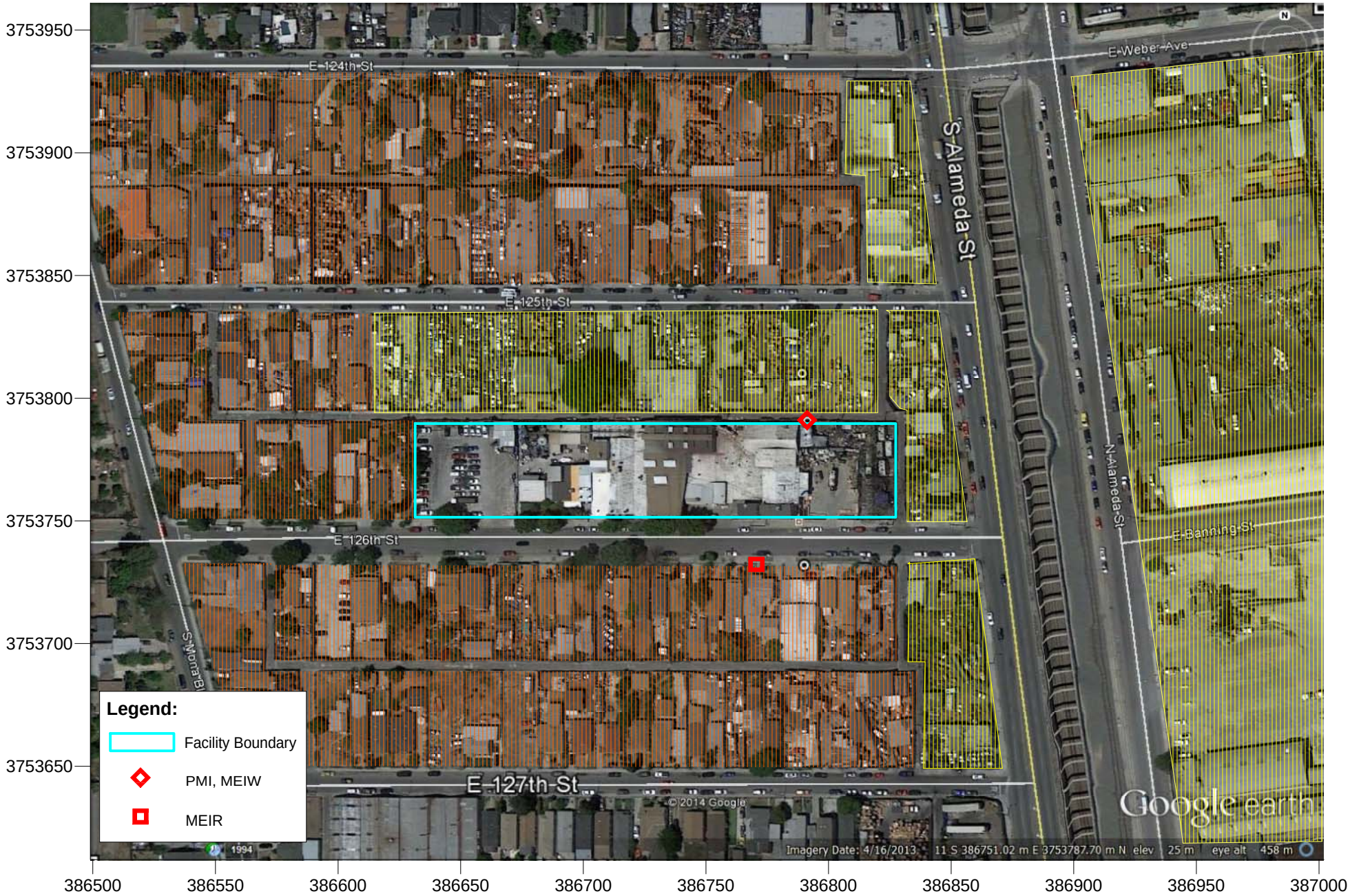
PMI, MEIR and MEIW for Cancer

Project	Date	Figure
140504.0087	October 2014	7a



WGS 1984 Datum | UTM Zone 11N

Facility:	Prepared By:	PMI, MEIR and MEIW for Chronic Hazards		
Bowman Plating Company aerospace division 2631 E. 126th Street Compton, CA 90222	Trinity Consultants 20 Corporate Park Suite 200 Irvine, CA 92606	Project 140504.0087	Date October 2014	Figure 7b



WGS 1984 Datum | UTM Zone 11N

Facility:

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PMI, MEIR and MEIW for Acute Hazards

Project	Date	Figure
140504.0087	October 2014	7c

WGS 1984 Datum | UTM Zone 11N

Facility:

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Compton, CA 90222

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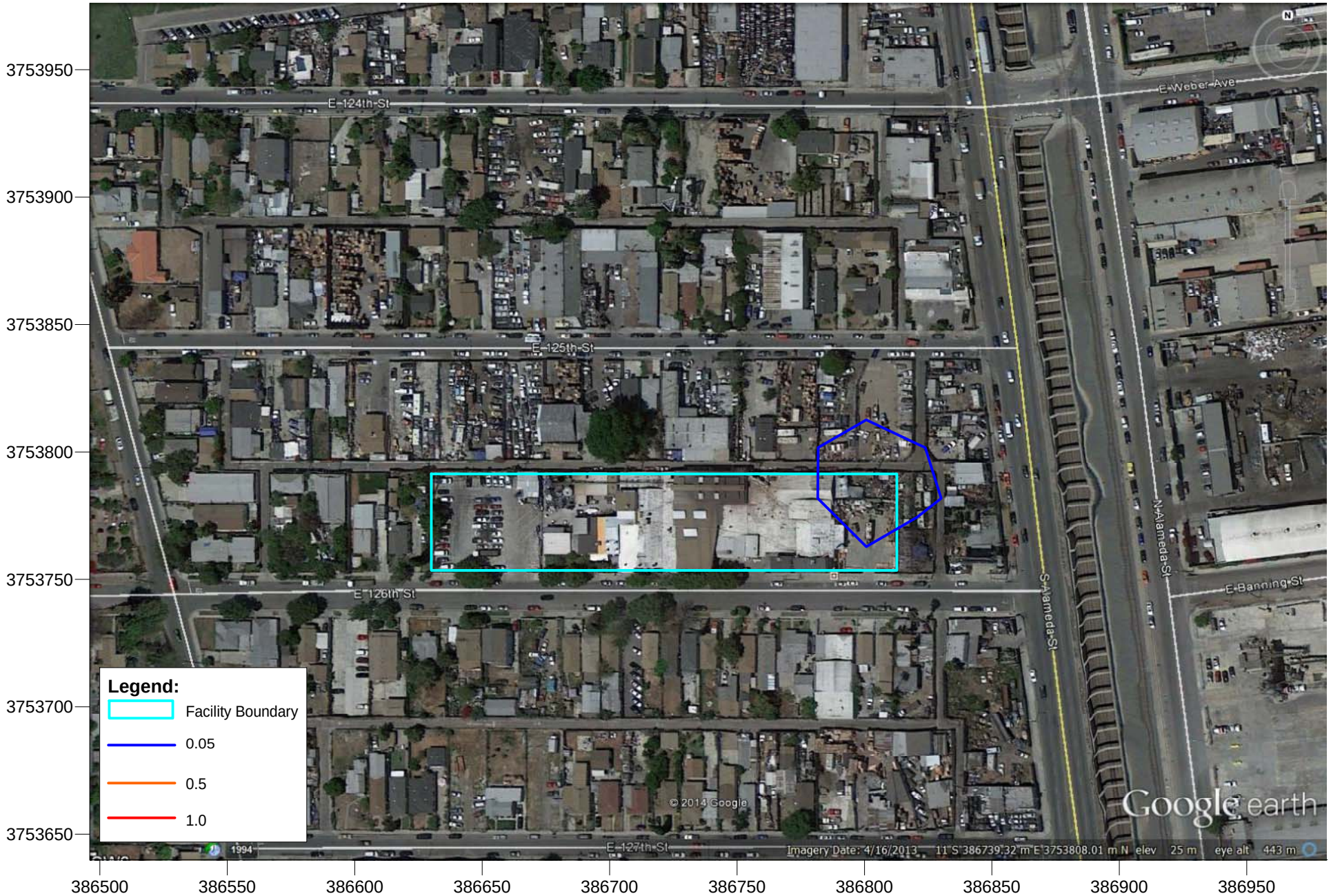
Irvine, CA 92606

Cancer Risk Isopleths - Residential

Project	Date	Figure
140504.0087	October 2014	8a



WGS 1984 Datum | UTM Zone 11N

Facility:

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aerospace division

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Compton, CA 90222

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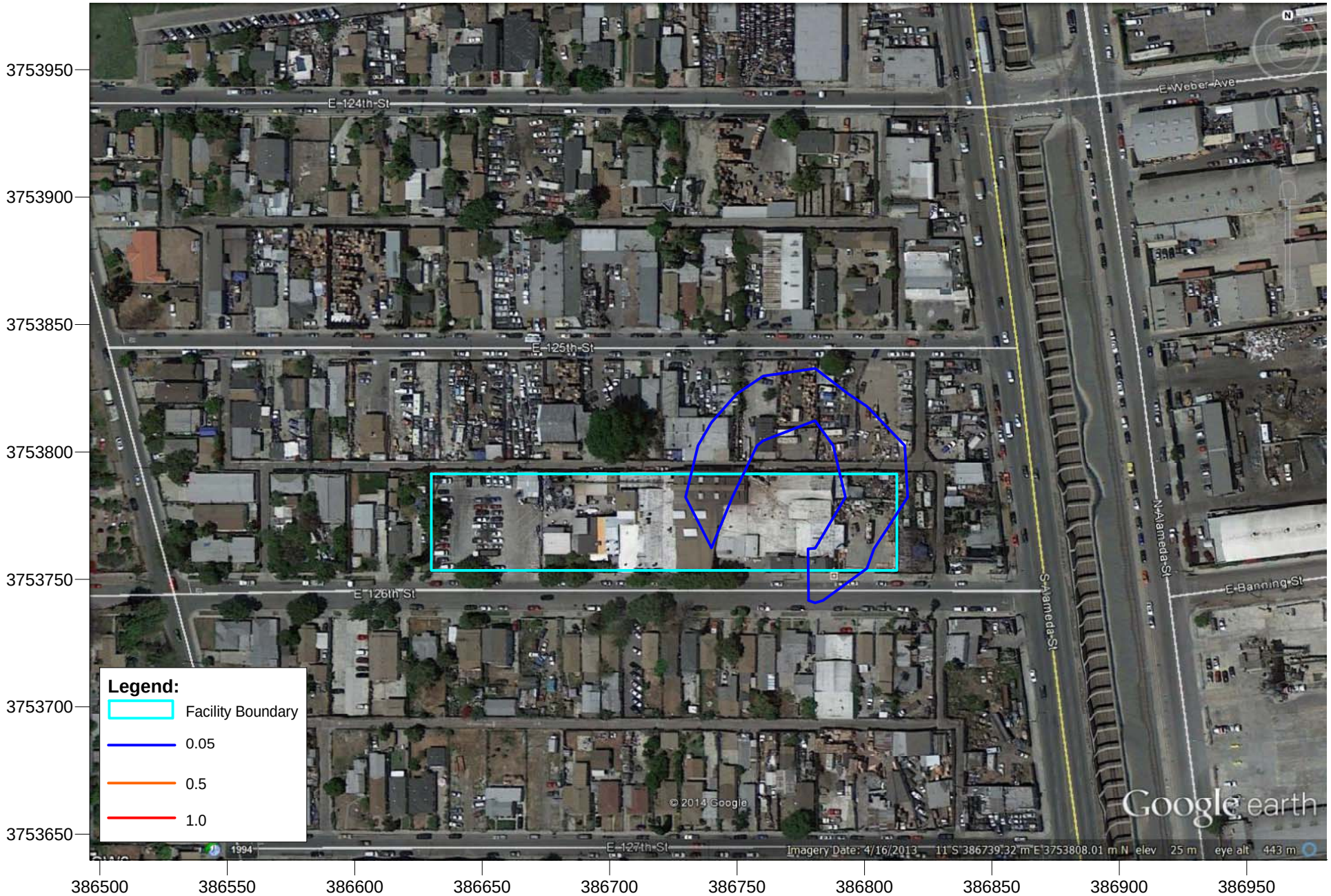
Irvine, CA 92606

Chronic Hazard Isopleths - Residential

Project	Date	Figure
140504.0087	October 2014	8b



WGS 1984 Datum | UTM Zone 11N

Facility:

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Acute Hazard Isopleths - Residential

Project	Date	Figure
140504.0087	October 2014	8c

WGS 1984 Datum | UTM Zone 11N

Facility:

Bowman Plating Company aerospace division

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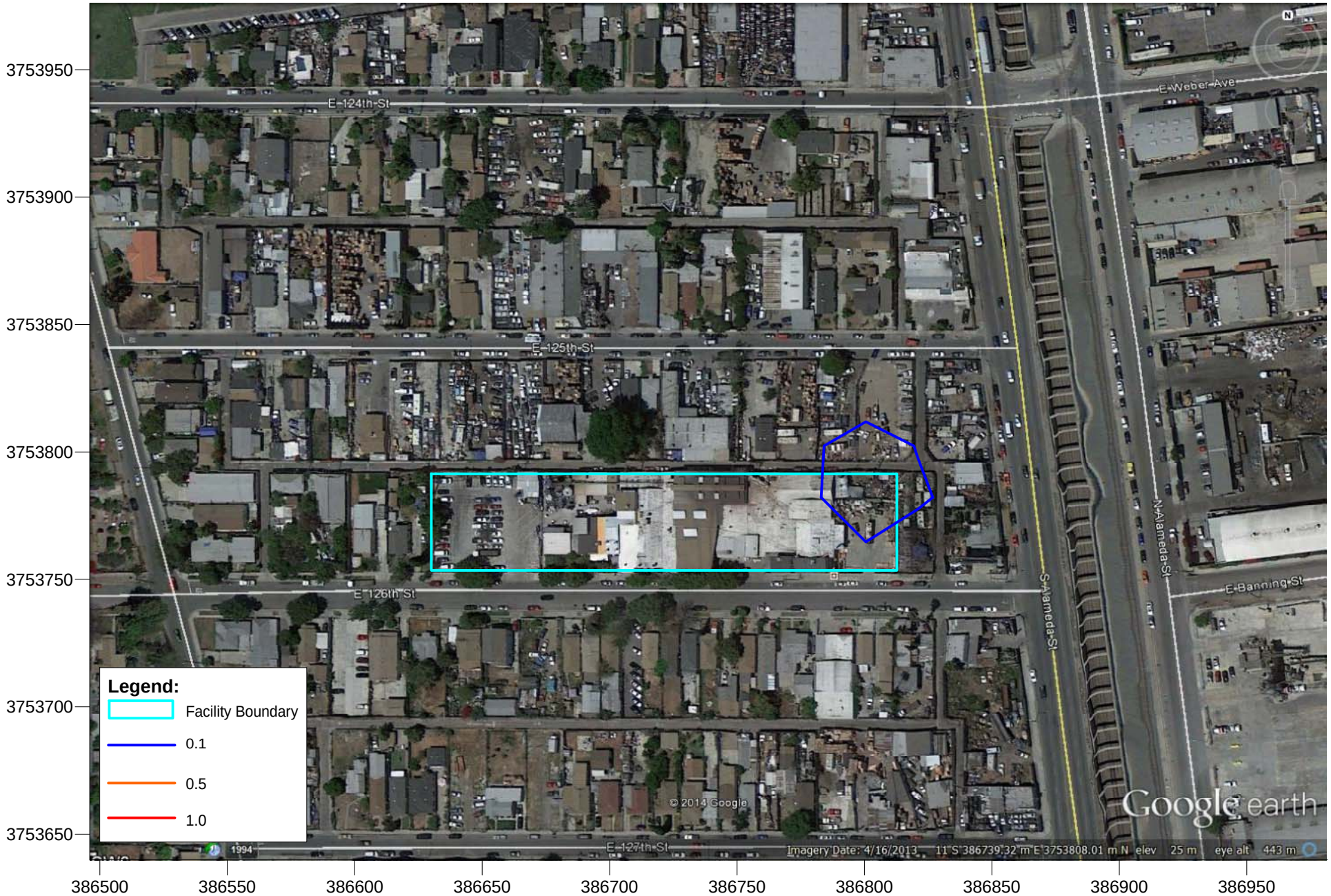
Cancer Risk Isopleths - Worker

Project	Date	Figure
140504.0087	October 2014	9a



WGS 1984 Datum | UTM Zone 11N

Facility:

Bowman Plating Company aerospace division

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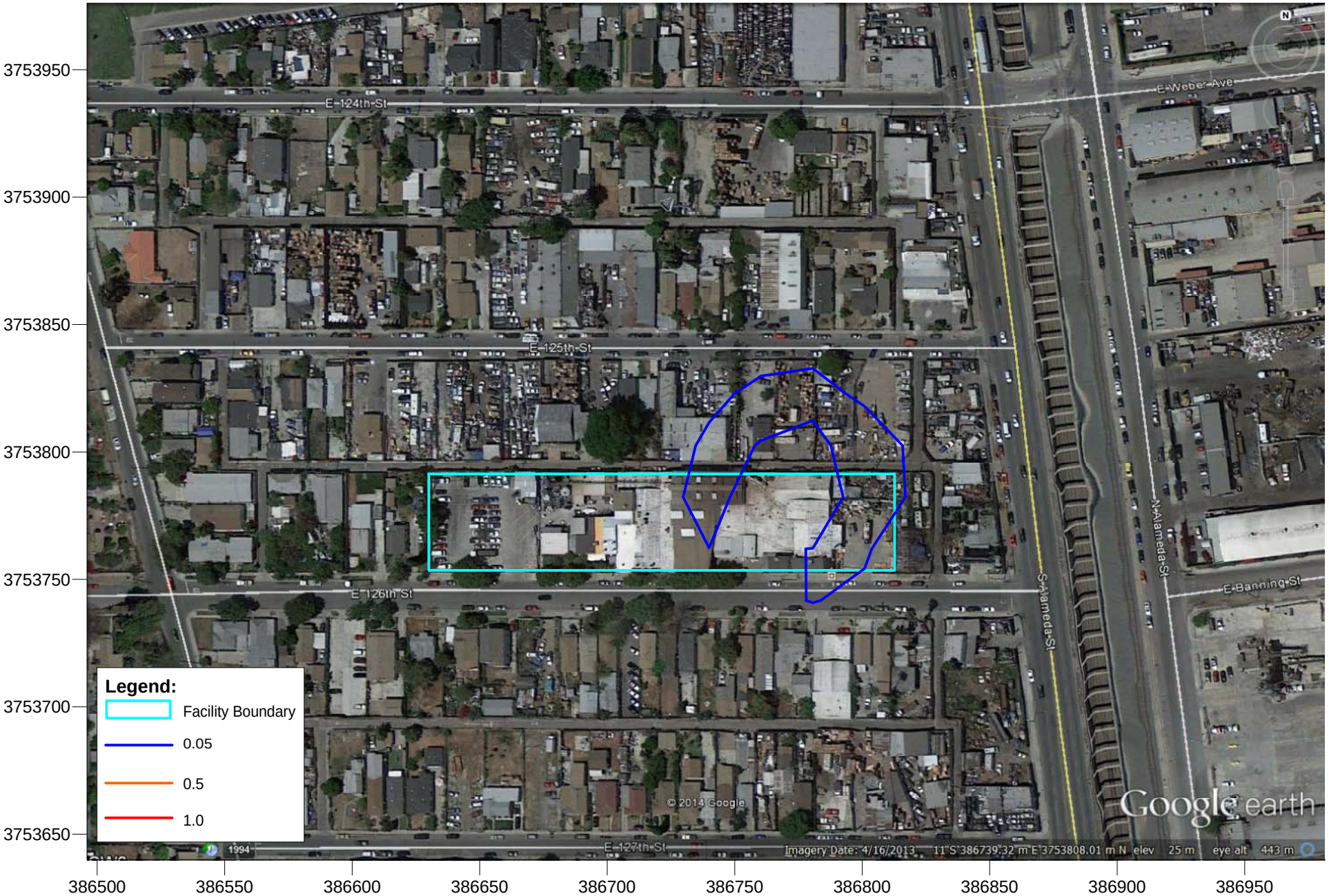
Chronic Hazard Isopleths - Worker

Project	Date	Figure
140504.0087	October 2014	9b



WGS 1984 Datum | UTM Zone 11N

Facility:

Bowman Plating Company aerospace division

2631 E. 126th Street
Compton, CA 90222

Prepared By:

Trinity Consultants

20 Corporate Park Suite 200
Irvine, CA 92606

Acute Hazard Isopleths - Worker

Project	Date	Figure
140504.0087	October 2014	9c

WGS 1984 Datum | UTM Zone 11N

Facility:

Bowman Plating Company aerospace division

2631 E. 126th Street
Compton, CA 90222

Prepared By:

Trinity Consultants

20 Corporate Park Suite 200
Irvine, CA 92606

Sensitive Receptors

Project	Date	Figure
140504.0087	October 2014	10

WGS 1984 Datum | UTM Zone 11N

Facility:

Bowman Plating Company
aerospace division

2631 E. 126th Street
Compton, CA 90222

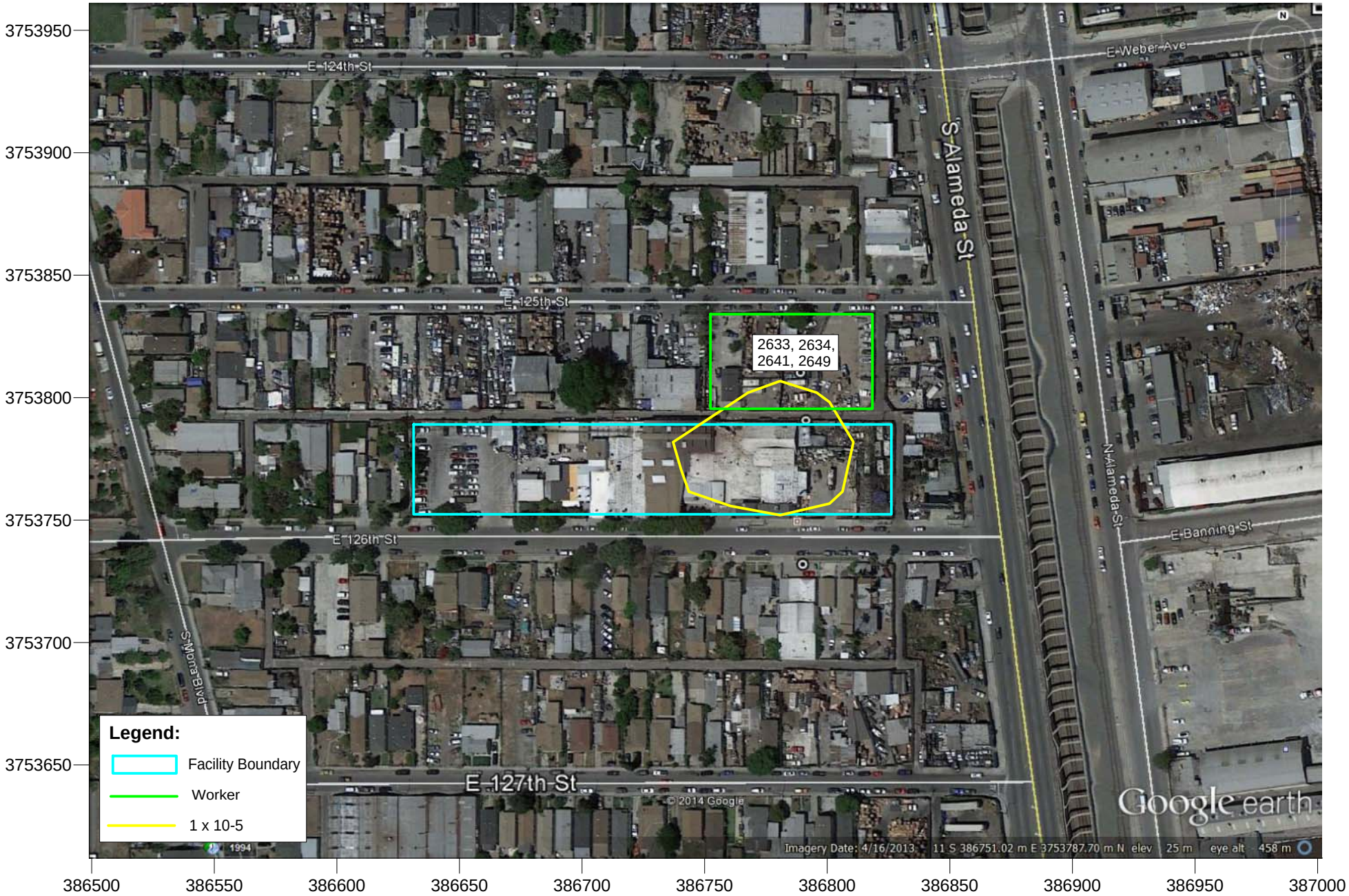
Prepared By:

Trinity Consultants

20 Corporate Park Suite 200
Irvine, CA 92606

Cancer Residential Isopleth - 10 in 1 Million

Project	Date	Figure
140504.0087	October 2014	11



WGS 1984 Datum | UTM Zone 11N

Facility:

Bowman Plating Company aerospace division

2631 E. 126th Street
Compton, CA 90222

Prepared By:

Trinity Consultants

20 Corporate Park Suite 200
Irvine, CA 92606

Cancer Worker Isopleth - 10 in 1 Million

Project	Date	Figure
140504.0087	October 2014	12

APPENDIX A: NOTICE TO PREPARE HEALTH RISK ASSESSMENT

South Coast
Air Quality Management District
21865 Copley Drive, Diamond Bar, CA 91765-4178
(909) 396-2000 · www.aqmd.gov

Via Certified Mail and return receipt

March 28, 2014

Mr. Massoud Akhavi, P.E.
Environmental Compliance Officer
Bowman Plating Company Inc.
2631 East 126th Street
Compton, CA 90222

Subject: Notice to Prepare an **Updated Health Risk Assessment** (HRA)
Bowman Plating Co. Inc. (SCAQMD ID No.: 018989)

Dear Mr. Akhavi:

In accordance with the state of California's Air Toxics "Hot Spots" Information and Assessment Act (AB 2588), the Health Risk Assessment (HRA) submitted by your facility in June 2007 was reviewed and approved by the South Coast Air Quality Management District (SCAQMD).

The HRA reflects the operating conditions and emissions of your facility from July 2005 through June 2006, and demonstrates your facility poses the maximum cancer risk of **14.2** in-a-million at a residential receptor, mainly due to hexavalent chromium (Cr+6) emissions from paint spraying operation. The maximum acute and chronic hazard indices were insignificant (i.e., hazard index <0.01). Since the maximum cancer risk exceeded the AB2588 threshold, your facility completed public notification on October 24, 2007.

However, the annual emission reports (AERs) submitted by your facility for calendar year (C/Y) 2011 through 2013 present significantly increased usages of Cr+6 containing spray paints and lower control efficiencies. The previously approved 2006 HRA may no longer be representative of your facility's current health risks. Therefore, your facility is required to submit an updated HRA within **150 days** from the date of this letter using the most recent **2013** emission inventory. We strongly recommend you to expedite its preparation to the extent feasible.

The remainder of this letter informs you of the following:

- guidelines and procedures for preparing the HRA;
- process for reviewing and approving the HRA; and
- where further assistance is available.

Guidelines and Procedures for Preparing the HRA

You are required to submit your HRA using the HARP. A copy of the HARP software can be obtained from the following website: http://www.arb.ca.gov/toxics/harp/harp.htm. The latest version of the software must be used. The HRA must be prepared in accordance with The Air Toxics Hot Spots Program Guidance Manual for Preparation of Health Risk Assessments (August 2003) developed by OEHHA. This document can be obtained at the following link: http://www.oehha.org/air/hot_spots/pdf/HRAguidefinal.pdf. The SCAQMD has prepared supplemental guidelines for preparing an HRA which also must be followed. This document can be obtained at: http://www.aqmd.gov/prdas/AB2588/AB2588_B3.html, where it is listed under the bullet item labeled "AQMD risk assessment guidelines."

Diesel particulate matter emissions were identified as a toxic air contaminant (TAC) by California Air Resources Board (CARB) in 1998, and were added to SCAQMD Rule 1401 list of compounds on March 7, 2008. Under the current AB2588 Air Toxics "Hot Spots" Emission Inventory Criteria and Guidelines Regulation, amended on August 27, 2007, you are required to include health risk impacts of any diesel exhaust particulate emissions from stationary emergency and prime compression ignition internal combustion engines, as well as portable diesel engines. **Please clearly identify emergency diesel internal combustion engines (DICEs) and their corresponding emissions.** This is essential because, on January 5, 2007, the SCAQMD Board adopted separate public notification procedures for emergency DICEs.

Air emissions of any substances listed in Appendix A-I of the OEHHA guidelines must be quantified and evaluated in the HRA. Please follow the detailed outline for the HRA report, which is contained in Appendix C of the SCAQMD supplemental risk assessment guidelines mentioned above. Lastly, please include a signed copy of the AB 2588 Air Toxics Document Certification & Application Form (Attachment) along with your HRA submittal.

Process for Reviewing and Approving the HRA

The HRA will be reviewed by both SCAQMD and OEHHA staff. State law provides OEHHA 180 days to complete their review. You will be notified of the status of your HRA within a few weeks, after it is returned to the SCAQMD from OEHHA. An HRA that is not consistent with state and SCAQMD guidelines will be returned to the facility with a list of necessary corrections, prior to approval.

If the HRA shows that your facility, **excluding risks from emergency DICEs**, poses a maximum individual lifetime cancer risk of ten in a million or greater, or the non-cancer health effects hazard index exceeds one, you will be required to provide public notice to all individuals exposed above notification levels. If the cancer risks from emergency DICEs exceed the above-mentioned public notice threshold, your facility is subject to a newspaper notification and information will be made available on the SCAQMD website. The determination of whether

your facility is subject to notification will be made upon approval of the HRA. You will receive further information regarding the public notification process at that time.

In addition, if your facility, **excluding risks from emergency DICEs**, poses a maximum individual lifetime cancer risk of 25 in a million or greater, cancer burden of 0.5 or greater, or non-cancer health effects hazard index of 3 or greater, you will be also subject to risk reduction provisions of the SCAQMD Rule 1402.

Further Assistance

If you have questions regarding the OEHHA or SCAQMD guidelines, the HARP software, or need any other assistance, please contact Allen Hoshik Yoo at (909) 396-2485.

Sincerely,

Philip M. Fine, Ph.D.
Assistant Deputy Executive Officer
Planning, Rule Development & Area Sources

Attachment: AB 2588 Air Toxics Document Certification & Application Form

Cc: Victoria Moaveni, SCAQMD

Tc:hy

ATTACHMENT

INVENTORY YEAR 20	SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT AB2588 SECTION, 21865 E. COPLEY DR., DIAMOND BAR CA 91765-0949	FORM A

AB2588 AIR TOXICS DOCUMENT CERTIFICATION & APPLICATION FORM

Please check the appropriate boxes for purpose of submittal:

- ☐ *AIR TOXICS INVENTORY PLAN (ATIP)*
- ☐ *AIR TOXICS INVENTORY REPORT (ATIR)*
- ☐ *HEALTH RISK ASSESSMENT (HRA)*
- ☐ *INITIAL*
- ☐ *REVISED*
- ☐ *FIRST YEAR'S REPORT*
- ☐ *UPDATE PLAN*
- ☐ *UPDATE REPORT*

[ ]

(Facility Label)

[ ]

If the facility ownership or location has changed, please indicate new name, ID#, and adresses in boxes provided.
Please print the following information:

Facility name	Company name
Facility address	Mailing address
SCAQMD Facility ID#	Facility SIC #
Contact Person (Company Official)	Telephone (Contact Official)

Preparer (if different from above)

Name:	Title:
Company:	Telephone:

FAILURE TO SUBMIT REQUIRED INFORMATION OR KNOWINGLY SUPPLYING FALSE INFORMATION IS PUNISHABLE TO THE EXTENT DEFINED IN HEALTH AND SAFETY CODE SECTIONS 44381(a) AND 44381(b), WHICH INCLUDES MINIMUM FINES OF NOT LESS THAN FIVE HUNDRED DOLLARS.

Signature Of Responsible Company Official	Date
Name Of Responsible Company Official	Title

APPENDIX B: SCAQMD ANNUAL EMISSIONS REPORT

September 10, 2014

TO: Mr. Ali Ghasemi (Program Supervisor in Emission),

South Coast Air Quality Management District

Diamond Bar, CA, 91765

From: Massoud Akhavi P.E. (Compliance officer)

Bowman Plating Company- (SCAQMD ID # 018989)

2631 East 126th Street

Compton, CA, 90222

Re: **Revising Reported Emission from Paint & Coating Operation**

Dear Sir;

Enclosed we respectfully submit five revised Forms to replace five incorrectly calculated and submitted Forms in our Annual Emission Reports of Chromium VI (Emission from our Paint and Coating Operation) in the Years 2009, 2010, 2011, 2012 and 2013.

We regret our oversight in using an erroneous Emission Removal Factor of 99% for the HEPA Filters instead of the actual, (manufacturer's), value of 99.97%.

Please confirm timely replacement of the incorrect Forms in Bowman's Annual Emission Repots for the years 2009, 9010, 2011, 2012 and 2013.

Please inform other Sections & Divisions of SCAQMD of the corrected emission values.

CC; Mr. Ian MacMillan

REPORTING YEAR	TOTAL CHROM. REPORTED	REVISED CHROM. REPORTED
2009	2.784863273	0.083546
2010	3.923455523	0.117704
2011	6.03472308	0.181042
2012	5.96666858	0.179001
2013	4.7316725	0.14195

BOWMAN PLATING COMPANY INC TAC PAGES 3,4,AND 5 2013 AER

FACILITY ID 18989

PAINT NAME	USAGE GAL.	EMISSION FACTOR	REVISED EFFICIENCY (1-0.9997)	REVISED EMMISION	REPORTED EFFICIENCY (1-0.99)	PREVIOUSLY REPORTED EMMISION
44GN007	48	0.1	0.0003	0.001440	0.01	0.048
44GN54	420	0.0981	0.0003	0.012361	0.01	0.41202
44GN72	560	0.0733	0.0003	0.012314	0.01	0.41048
44GN11	1928	0.0865	0.0003	0.050032	0.01	1.66772
364-1-6	18	0.0316	0.0003	0.000171	0.01	0.005688
10P20-26	48	0.1677	0.0003	0.002415	0.01	0.080496
10P20-44	270	0.1259	0.0003	0.010198	0.01	0.33993
10P20-13	120	0.2963	0.0003	0.010667	0.01	0.35556
02Y024	34	0.0916	0.0003	0.000934	0.01	0.031144
44-Y-22	14	0.2213	0.0003	0.000929	0.01	0.030982
825-009	148	0.0549	0.0003	0.002438	0.01	0.081252
833K086	45	0.0443	0.0003	0.000598	0.01	0.019935
10P30-5	24	0.046	0.0003	0.000331	0.01	0.01104
454-4-1	144	0.052	0.0003	0.002246	0.01	0.07488
513X390	4	0.097	0.0003	0.000116	0.01	0.00388
02Y40A	5.5	0.1741	0.0003	0.000287	0.01	0.0095755
09-Y-002	7.5	0.01216	0.0003	0.000027	0.01	0.000912
44GN49	4	0.0527	0.0003	0.000063	0.01	0.002108
10P-8-10	22	0.0576	0.0003	0.000380	0.01	0.012672
519X303	3	0.0761	0.0003	0.000068	0.01	0.002283
10P20-26	48	0.1636	0.0003	0.002356	0.01	0.078528
364-1-6	27	0.0415	0.0003	0.000336	0.01	0.011205
02GN070	22	0.1721	0.0003	0.001136	0.01	0.037862
44GN72	560	0.0724	0.0003	0.012163	0.01	0.40544
44GN060	420	0.1424	0.0003	0.017942	0.01	0.59808

TOTAL HEX CHROM. (REVISED) 0.141950 4.7316725

PERCENT REDUCTION
OF REPORTED TO
REVISED EMISSION -97

BOWMAN PLATING COMPANY INC

TAC PAGES 3,4,AND 5

2012 AER

FACILITY ID 18989

PAINT NAME	USAGE GAL.	EMISSION FACTOR	REVISED EFFICIENCY (1-0.9997)	REVISED EMMISION	REPORTED EFFICIENCY (1-0.99)	PREVIOUSLY REPORTED EMMISION
1011	1335	0.32083	0.0003	0.128492	0.01	4.28308015
10-20	63.75	0.22169	0.0003	0.004240	0.01	0.141327375
10-72	0.25	0.2237	0.0003	0.000017	0.01	0.00055925
10-79	143.75	0.21454	0.0003	0.009252	0.01	0.30840125
10P-30	22.25	0.116687	0.0003	0.000779	0.01	0.025962858
1786	242.75	0.374642	0.0003	0.027283	0.01	0.909443455
2104	11	0.208457	0.0003	0.000688	0.01	0.02293027
2144	90.25	0.223475	0.0003	0.006051	0.01	0.201686188
27725	32	0.067404	0.0003	0.000647	0.01	0.02156928
PAC 33	0.25	0.1174	0.0003	0.000009	0.01	0.0002935
44-GN-U	16.25	0.31651	0.0003	0.001543	0.01	0.051432875
		TOTAL HEX CHROM.	(REVISED)	0.179001		5.96668868
		PERCENT REDUCTION OF REPORTED TO REVISED EMISSION	-97			

BOWMAN PLATING COMPANY INC

TAC PAGES 3,4,AND 5

2011 AER

FACILITY ID 18989

PAINT NAME	USAGE GAL.	EMISSION FACTOR	REVISED EFFICIENCY (1-0.9997)	REVISED EMMISION	REPORTED EFFICIENCY (1-0.99)	PREVIOUSLY REPORTED EMMISION
1011	1350	0.32083	0.0003	0.129936	0.01	4.331205
10-20	98.25	0.22169	0.0003	0.006534	0.01	0.217810425
10-72	0.25	0.2237	0.0003	0.000017	0.01	0.00055925
10-79	122.5	0.21454	0.0003	0.007884	0.01	0.2628115
10P-30	25.5	0.116687	0.0003	0.000893	0.01	0.029755185
1786	218.5	0.374642	0.0003	0.024558	0.01	0.81859277
2104	15.25	0.208457	0.0003	0.000954	0.01	0.031789693
2144	115.25	0.223475	0.0003	0.007727	0.01	0.257554938
27725	61.75	0.067404	0.0003	0.001249	0.01	0.04162197
PAC 33	0.25	0.1174	0.0003	0.000009	0.01	0.0002935
44-GN-11	13.5	0.31651	0.0003	0.001282	0.01	0.04272885
		TOTAL HEX CHROM.	(REVISED)	0.181042		6.03472308
		PERCENT REDUCTION OF REPORTED TO REVISED EMISSION	-87			

BOWMAN PLATING COMPANY INC

TAC PAGES 3,4,AND 5

2010 AER

FACILITY ID 18989

PAINT NAME	USAGE GAL.	EMISSION FACTOR	REVISED EFFICIENCY (1-0.9997)	REVISED EMMISION	REPORTED EFFICIENCY (1-0.99)	PREVIOUSLY REPORTED EMMISION
1011	697	0.32083	0.0003	0.067086	0.01	2.2361851
10-20	76	0.22169	0.0003	0.005055	0.01	0.1684844
10-79	75.5	0.21454	0.0003	0.004859	0.01	0.1619777
10P-30	19.75	0.116687	0.0003	0.000691	0.01	0.023045683
1786	284.75	0.374642	0.0003	0.032004	0.01	1.066793095
2104	18	0.208457	0.0003	0.001126	0.01	0.03752226
2144	84.5	0.223475	0.0003	0.005665	0.01	0.188836375
27725	80.25	0.067404	0.0003	0.001218	0.01	0.04061091
		TOTAL HEX CHROM.	(REVISED)	0.117704		3.923455523
		PERCENT REDUCTION OF REPORTED TO REVISED EMISSION	-97			

BOWMAN PLATING COMPANY INC

TAC PAGES 3,4,AND 5

2009 AER

FACILITY ID 18889

PAINT NAME	USAGE GAL.	EMISSION FACTOR	REVISED EFFICIENCY (1-0.9997)	REVISED EMMISION	REPORTED EFFICIENCY (1-0.99)	PREVIOUSLY REPORTED EMMISION
1011	400.25	0.32083	0.0003	0.038524	0.01	1.284122075
10-20	27	0.22169	0.0003	0.001796	0.01	0.0598563
10-79	57	0.21454	0.0003	0.003669	0.01	0.1222878
10P-30	17.75	0.116687	0.0003	0.000621	0.01	0.020711943
1786	257.75	0.374642	0.0003	0.028969	0.01	0.965639755
2104	13	0.208457	0.0003	0.000813	0.01	0.02709941
2144	114	0.223475	0.0003	0.007643	0.01	0.2547815
27725	74.75	0.067404	0.0003	0.001512	0.01	0.05038449
		TOTAL HEX CHROM.	(REVISED)	0.083546		2.784863273
		PERCENT REDUCTION OF REPORTED TO REVISED EMISSION	-97			

South Coast AQMD

Annual Emission Report

Reporting Year: **2013**

Print Date: **2/28/2014**

Facility ID: **18989**

Facility Name **BOWMAN PLATING CO INC**

Facility Type:

Review Submit Confirmation

Thank you for submitting your Annual Emissions Report for Facility ID: 18989 on 2/28/2014 10:07:23 AM . You will receive an e-mail confirmation at your registered e-mail address.

Please proceed to the Forms and Reports section to print out & submit the required forms (plus a check for fees due if applicable) to the SCAQMD. Refer to the online Help for mailing address and other related information.

The reports are first received and processed by Bank of America for check deposits, return receipts for certified mails will be stamped by Bank of America rather than AQMD. Please mail the required forms and fees to the following address:

South Coast Air Quality Management District
2013 Emission Report
File No. 54493
Los Angeles, CA 90074-4493

* To avoid late payment surcharges, all mails must be postmarked by the Post Office on or before March 04, 2014

If you wish to use a messenger (or hand deliver), the package should be delivered to the cashier's booth at AQMD Headquarters at the address listed below in Diamond Bar on or before 5:00 p.m.March 04, 2014 Please note that AQMD is closed on Mondays.

South Coast Air Quality Management District
ATTN: Finance Cashier
2013 Emission Report
21865 Copley Drive
Diamond Bar, CA 91765-4178

South Coast AQMD

Annual Emission Report

Reporting Year: **2013**

Print Date: **2/28/2014**

Facility ID: **18989**

Facility Name: **BOWMAN PLATING CO INC**

Facility Type:

X - Signature Sheet

Information

NAICS Code: 332813

No - AB2588 Filing Period

No - RECLAIM

AB2588 Receptor Distance
Worker(ft) 0
Residential (ft) 0

Business Operating Hours
Hours/Day: 16
Days/Week: 5
Weeks/Year: 50

Brief Description of Operation
Metal Finishing & Plating of Aerospace Parts

Equipment Location Address

Facility Name:
BOWMAN PLATING CO INC
2631 E 126TH ST
COMPTON CA 90222 1599

Mailing Information

Company Name:
BOWMAN PLATING CO INC
2631 E 126th ST 1511
Compton CA 90222 1511

Contact Information

Name Massoud Akhavi
Title Environmental Compliance Officer
email massoud@bowmanplating.com
phone (310) 6394343
fax (310) 6399977

Preparer Information

Organization Name: Bowman Plating Company Inc
Name Massoud Akhavi
Title Environmental Compliance Officer
email massoud@bowmanplating.com
phone (310) 6394343
fax (310) 6399977

Authorized Person Information

Name Massoud Akhavi
Title Environmental Compliance Officer
email massoud@bowmanplating.com
phone (310) 6394343
fax (310) 6399977

I declare under penalty of perjury that the data submitted truly represents throughput and emissions for this reporting period, and that the emission factors represent the best available data for my company in the calculation of annual emission figures

Authorized Signature _____ **Date** _____

Preparer Signature _____ **Date** _____

South Coast AQMD

Annual Emission Report

Reporting Year: **2013**

Facility ID: **18989**

Print Date **2/28/2014**

Facility Name: **BOWMAN PLATING CO INC**

Facility Type:

A - Status Update

Status Update (If Applicable)

Contact Permit Services for Official Status Changes

☐ Facility Shutdown Date:

☐ Change of Ownership Date:
New Facility I.D.
New Facility Name

☐ Change in Equipment Location Date
New Facility I.D.

Change in Equipment Location Facility Address

-None-

Old Location Address

2631 E
126TH ST
COMPTON
CA 90222 1599

☐ Variance/Abatement order that resulted in Excess Emissions Case Number:

☐ Emissions are Zero for this year's Report, or Emissions Reduced by 50% or more from last year's Annual Emission Report. (Provide a brief description)

Refund Request

☐ I request a refund for overpayment of fees paid for this reporting period (installment payment exceeded total fees due). Provide or attach a brief explanation for your reduced emissions during this reporting period

Amount Requested $

Exemption Request

I request to be exempt from next year's Annual Emissions Reporting Program for the reason marked below. If approved, I understand the facility will still be required to report its annual emissions and pay any applicable fee in future years if operations change, or AQMD rules change, in any manner that results in increased emissions above those specified under the Exemption Criteria specified

☐ Annual Emissions for this year meet the Exemption Criteria, and emissions for this year will also meet the Exemption Criteria.

☐ Facility will meet the Exemption Criteria for next year based on changes in operations or operating status as shown in Status Update section.

Use of Alternative Emissions Factors or Calculation Methodologies

☒ To expedite District's review, if you are proposing to use a different (non-default) emission factor or calculation methodology that requires AQMD approval pursuant to AQMD Rule 301 (e)(8)(C), please check this box and attach your supporting documentation with your report. Do not check this box for emission factors reported on Form B3 or B3U (Use of Organics) which are based on VOC contents listed on MSDS. Please identify the Form(s) for which an alternative factor or methodology is

VOCs, Chromium and Solids contents were obtained from MSDSs

South Coast AQMD

Annual Emission Report

Reporting Year: **2013**

Print Date: **2/28/2014**

Facility ID: **18989**

Facility Name **BOWMAN PLATING CO INC**

Facility Type:

S - Fees Due Summary

Submittal Date: No later than March 4 2014	Total Permitted Emissions from Form C (tons)	Total Non-Permitted Emissions from Form CU (tons)	Total Emissions from Form CR (tons)	Total Emissions/ Subject to Fee (tons)	Emissions Fee Due
Organic Gases	0.81	0.20		0	$0.00
Specific Organics	0.00	0.00		0	$0.00
Nitrogen Oxides	1.18	0.00	0.00	0	$0.00
Sulfur Oxides	0.01	0.00	0.00	0	$0.00
Carbon Monoxide	0.75	0.00		0	$0.00
Particulate Matter	1.34	0.00		0	$0.00
1. TOTAL EMISSION FEES FOR ALL CRITERIA POLLUTANTS					$0.00
2. TOXIC AIR CONTAMINANTS/OZONE DEPLETER FEES (Total amount from Form TACS or DC)					$50.65
3. TOTAL FEES DUE					$50.65
4. INSTALLMENTS PAID FOR 2013 - (If any) – All criteria pollutants					$0.00
5. INSTALLMENTS PAID – Toxic Air Contaminants/Ozone Depleters					$0.00
6. BALANCE DUE (Line 3 - Line 4 - Line 5)					$50.65
7. LATE PAYMENT SURCHARGE					$0.00
8. AMOUNT DUE					$50.65
9.Please write Facility ID#(s) and AER reporting Year on the check.					N/A

South Coast

AQMD

Annual Emission Report

Reporting Year: **2013**

Print Date: **2/28/2014**

Facility ID: **18989**
Facility Name: **BOWMAN PLATING CO INC**
Facility Type:

B1 - Permitted Emissions from Fuel Combustion in Boilers, Ovens, Furnaces, and Heaters

Device Description	Application Number	Equipment Code& Description	Fuel Code Description	Annual Usage	Organic Gases		Nitrogen Oxides		Sulfur Oxides		Carbon Monoxide		Particulate Matter	
					Emission Factor	Emissions	Emission Factor	Emissions	Emission Factor	Emissions	Emission Factor	Emissions	Emission Factor	Emissions
Boiler	M58684	1a. Boiler <10 MMBTU/HR	1. Natural Gas (mmscf).	15.15	5.5000	83.33	100.0000	1,515.00	0.6000	9.09	84.0000	1,272.60	7.6000	115.14
OVEN	6179, 341808	2a. Oven <10 MMBTU/HR	1. Natural Gas (mmscf).	4.33	7.0000	30.31	130.0000	562.90	0.6000	2.60	35.0000	151.55	7.5000	32.48
DRYER	F43414	3b. Dryer 10-100 MMBTU/HR	1. Natural Gas (mmscf).	2.16	7.0000	15.12	130.0000	280.80	0.6000	1.30	35.0000	75.60	7.5000	16.20
Total Emissions in Pounds:						128.76		2,358.70		12.98		1,499.75		163.82
Total Emissions in Tons:						0.06		1.18		0.01		0.75		0.08

South Coast

AQMD

Annual Emission Report

Reporting Year: **2013**

Facility ID: **18989**

Facility Name: **BOWMAN PLATING CO INC**

Facility Type:

Print Date: **2/28/2014**

B3 - Permitted Annual Emissions from the Use of Organics

Device Description and Material	Material Code Description	Application Number	ActivityCode Description	TAC/ ODC	Annual Usage	Unit Code	Overall Control Efficiency	Organic Gases		Specific Organics	
								Emission Factor	Emissions	Emission Factor	Emissions
PAINTING OF PARTS BMS-1011-AB-TYPE I-CLASS A GRADE E (44GN060)	Primer	530543, 451427, 446748, 446750	5. Metal Coating	N	420.00	2. gallon	0.9100	1.9100	72.20	0.00	0.00
PAINTING OF PARTS MIL-PRF 85582E, TYPE I, CLASS C2 (44GN072)	Primer	530543, 451427, 446748, 446750	5. Metal Coating	N	560.00	2. gallon	0.9100	1.2100	60.98	0.00	0.00
PAINTING OF PARTS MIL-PRF-23377K-TYPE II-CLASS C2 (02GN070)	Primer	530543, 451427, 446748, 446750	5. Metal Coating	N	22.00	2. gallon	0.9100	2.8300	5.60	0.00	0.00
PAINTING OF PARTS 364-1-6 PRETREATMENT PRIMER YELLOW YALLOW (354-1-6)	Primer	530543, 451427, 446748, 446750	5. Metal Coating	N	27.00	2. gallon	0.9100	4.1900	10.18	0.00	0.00
PAINTING OF PARTS 10P20-26-HIGH SOLIDS EPOXY PRIMER (10P20-26)	Primer	530543, 451427, 446748, 446750	5. Metal Coating	N	48.00	2. gallon	0.9100	2.9300	12.66	0.00	0.00

Device Description and Material	Material Code Description	Application Number	ActivityCode Description	TAC/ ODC	Annual Usage	Unit Code	Overall Control Efficiency	Organic Gases		Specific Organics	
								Emission Factor	Emissions	Emission Factor	Emissions
PAINTING OF PARTS 446-21-7038 BLACK 595B-17038 DN7804 (446-21-7038)	Enamel	530543, 451427, 446748, 446750	5. Metal Coating	N	5.00	2. gallon	0.9100	3.4900	1.57	0.00	0.00
PAINTING OF PARTS 23T3-GRAY DN 3635 #716980 (23T3-106)	Urethane / Polyurethane (Hi-Gloss)	530543, 451427, 446748, 446750	5. Metal Coating	N	3.00	2. gallon	0.9100	3.4600	0.93	0.00	0.00
PAINTING OF PARTS 519X303 PRIMER (519X303)	Primer	530543, 451427, 446748, 446750	5. Metal Coating	N	4.50	2. gallon	0.9100	5.9000	2.39	0.00	0.00
PAINTING OF PARTS AC-850-T-TAN (AC-850TTAN)	Other Coating Material-Use ONLY MSDS	530543, 451427, 446748, 446750	5. Metal Coating	N	165.00	2. gallon	0.9100	5.8400	86.72	0.00	0.00
PAINTING OF PARTS CA 8100/B70846 COMPONENTS (8100B-70846)	Enamel	530543, 451427, 446748, 446750	5. Metal Coating	N	32.00	2. gallon	0.9100	2.9700	8.55	0.00	0.00
PAINTING OF PARTS 10P8-10NFR-FR EPOXY PRIMER GREEN BAC 452 GREEN (10P8-10NFR)	Primer	530543, 451427, 446748, 446750	5. Metal Coating	N	22.00	2. gallon	0.9100	3.0600	6.06	0.00	0.00
PAINTING OF PARTS DEFTHANE ELT/APC M85285E-IV-H-361 73 (99GY001)	Enamel	530543, 451427, 446748, 446750	5. Metal Coating	N	3.00	2. gallon	0.9100	3.5000	0.95	0.00	0.00
PAINTING OF PARTS TT-L-20A 34424 GREEN LACQUER (20A-34424)	Lacquer	530543, 451427, 446748, 446750	5. Metal Coating	N	48.00	2. gallon	0.9100	5.0900	21.99	0.00	0.00

Device Description and Material	Material Code Description	Application Number	ActivityCode Description	TAC/ ODC	Annual Usage	Unit Code	Overall Control Efficiency	Organic Gases		Specific Organics	
								Emission Factor	Emissions	Emission Factor	Emissions
PAINTING OF PARTS DEFTHANE M85285E-I-H-16515 (03GY346)	Enamel	530543, 451427, 446748, 446750	5. Metal Coating	N	12.00	2. gallon	0.9100	3.5000	3.78	0.00	0.00
PAINTING OF PARTS DEFT M85582E-II-C2 LOW DENSITY BASE (44GN049)	Primer	530543, 451427, 446748, 446750	5. Metal Coating	N	4.00	2. gallon	0.9100	1.3200	0.48	0.00	0.00
PAINTING OF PARTS EVERLUBE 811	Treating Oil	530543, 451427, 446748, 446750	5. Metal Coating	N	12.00	2. gallon	0.9100	5.0900	5.50	0.00	0.00
PAINTING OF PARTS EVERLUBE 642 DILUTED (PEV967D)	Lubricant oil	530543, 451427, 446748, 446750	5. Metal Coating	N	20.00	2. gallon	0.9100	7.9900	14.38	0.00	0.00
PAINTING OF PARTS 099 SOLID FILM LUBRICANT HEAT CURING (E199-G75)	Lubricant oil	530543, 451427, 446748, 446750	5. Metal Coating	N	44.00	2. gallon	0.9100	0.6889	2.73	0.00	0.00
PAINTING OF PARTS KAL-GRAD KG 200 (PKGKG200PTP-PTR)	Enamel	530543, 451427, 446748, 446750	5. Metal Coating	N	200.00	2. gallon	0.9100	5.5800	100.44	0.00	0.00
PAINTING OF PARTS M22750G-1-H-A-27038 (01BK041)	Enamel	530543, 451427, 446748, 446750	5. Metal Coating	N	8.00	2. gallon	0.9100	2.8200	2.03	0.00	0.00
PAINTING OF PARTS DEFTHANE TT-P-2760A, TYPE 1, CLASS C (09Y002)	Primer	530543, 451427, 446748, 446750	5. Metal Coating	N	7.50	2. gallon	0.9100	2.8300	1.91	0.00	0.00
PAINTING OF PARTS MIL-PRF-23377K-TYPE I-CLASS C2 BASE (02Y040A)	Primer	530543, 451427, 446748, 446750	5. Metal Coating	N	550.00	2. gallon	0.9100	2.8400	140.58	0.00	0.00

Device Description and Material	Material Code Description	Application Number	ActivityCode Description	TAC/ ODC	Annual Usage	Unit Code	Overall Control Efficiency	Organic Gases		Specific Organics	
								Emission Factor	Emissions	Emission Factor	Emissions
PAINTING OF PARTS M852285E-I-H-389 03 & WS26052 (2) TYPE I (03OR059)	Enamel	530543, 451427, 446748, 446750	5. Metal Coating	N	2.00	2. gallon	0.9100	3.5000	0.63	0.00	0.00
PAINTING OF PARTS 513X390 EPOXY BASE	Primer	530543, 451427, 446748, 446750	5. Metal Coating	N	8.00	2. gallon	0.9100	5.1400	3.70	0.00	0.00
PAINTING OF PARTS MIL-PRF-22750-1-H-A-36375 BASE (01GY082)	Enamel	530543, 451427, 446748, 446750	5. Metal Coating	N	3.00	2. gallon	0.9100	2.8300	0.76	0.00	0.00
PAINTING OF PARTS M22750G-1-H-A-27 038 BASE COMPONENT (01BK042)	Enamel	530543, 451427, 446748, 446750	5. Metal Coating	N	2.00	2. gallon	0.9100	2.8300	0.51	0.00	0.00
PAINTING OF PARTS M22750G-TYPE I-CLASS H GRADE A -17925 (01W081)	Enamel	530543, 451427, 446748, 446750	5. Metal Coating	N	1.00	2. gallon	0.9100	2.8200	0.25	0.00	0.00
MIL-PRF-85285-TY PE I- CLASS H-37038 BASE (03BK099)	Urethane / Polyurethane (Hi-Gloss)	530543, 451427, 446748, 446750	5. Metal Coating	N	1.00	2. gallon	0.9100	3.5000	0.32	0.00	0.00
PAINTING OF PARTS MIL-PRF-85285D-I-H-36118 GUN SHIP (03GY330)	Urethane / Polyurethane (Hi-Gloss)	530543, 451427, 446748, 446750	5. Metal Coating	N	6.00	2. gallon	0.9100	3.5000	1.89	0.00	0.00
PAINTING OF PARTS M85285E-1-H-1634 73 & WS26052 (2) TYPE I (03GY277)	Urethane / Polyurethane (Hi-Gloss)	530543, 451427, 446748, 446750	5. Metal Coating	N	16.00	2. gallon	0.9100	3.5000	5.04	0.00	0.00

Device Description and Material	Material Code Description	Application Number	ActivityCode Description	TAC/ ODC	Annual Usage	Unit Code	Overall Control Efficiency	Organic Gases		Specific Organics	
								Emission Factor	Emissions	Emission Factor	Emissions
PAINTING OF PARTS GMS 5006 TYPE II, COLOR 17925 BASE (01W074)	Urethane / Polyurethane (Hi-Gloss)	530543, 451427, 446748, 446750	5. Metal Coating	N	1.00	2. gallon	0.9100	3.5000	0.32	0.00	0.00
PAINTING OF PARTS MIL-C-85285B, 37038. TYPE I (03BK74)	Urethane / Polyurethane (Hi-Gloss)	530543, 451427, 446748, 446750	5. Metal Coating	N	19.00	2. gallon	0.9100	2.6300	4.50	0.00	0.00
PAINTING OF PARTS 23T3-10WITE BAC 700/595B-37925 # 716974 WHITE (23T3-10)	Urethane / Polyurethane (Hi-Gloss)	530543, 451427, 446748, 446750	5. Metal Coating	N	42.00	2. gallon	0.9100	3.4800	13.15	0.00	0.00
PAINTING OF PARTS 23T3-105-FLAT GRAY BAC 707 # 716979 (23T3-105)	Urethane / Polyurethane (Hi-Gloss)	530543, 451427, 446748, 446750	5. Metal Coating	N	18.00	2. gallon	0.9100	3.4600	5.61	0.00	0.00
PAINTING OF PARTS 454-4-1 INTEGRAL FUEL TANK COATING (454-4-1)	Primer	530543, 451427, 446748, 446750	5. Metal Coating	N	144.00	2. gallon	0.9100	1.6000	20.74	0.00	0.00
PAINTING OF PARTS 10P30-5 CORROSION RESISTANT PRIMER (10P30-5)	Primer	530543, 451427, 446748, 446750	5. Metal Coating	N	24.00	2. gallon	0.9100	2.9500	6.37	0.00	0.00
PAINTING OF THE PARTS 515X349 BASE COMPONENT (515X349001)	Urethane / Polyurethane (Hi-Gloss)	530543, 451427, 446748, 446750	5. Metal Coating	N	140.00	2. gallon	0.9100	2.1400	26.96	0.00	0.00
PAINTING OF PARTS CA 8211/F36440 BASE COMPONENT (CA8211/F35440)	Urethane / Polyurethane (Hi-Gloss)	530543, 451427, 446748, 446750	5. Metal Coating	N	5.00	2. gallon	0.9100	0.4300	0.19	0.00	0.00

Device Description and Material	Material Code Description	Application Number	ActivityCode Description	TAC/ ODC	Annual Usage	Unit Code	Overall Control Efficiency	Organic Gases		Specific Organics	
								Emission Factor	Emissions	Emission Factor	Emissions
PAINTING OF PARTS CA 8201/F17925 BASE COMPONENT (CA 8201/F17925)	Urethane / Polyurethane (Hi-Gloss)	530543, 451427, 446748, 446750	5. Metal Coating	N	4.00	2. gallon	0.9100	3.2900	1.18	0.00	0.00
PAINTING OF PARTS 833K086 BASE COMPONENT (833K086)	Primer	530543, 451427, 446748, 446750	5. Metal Coating	N	45.00	2. gallon	0.9100	4.4000	17.82	0.00	0.00
PAINTING OF PARTS 512X310 BASE COMPONENT (512 X 310)	Urethane / Polyurethane (Hi-Gloss)	530543, 451427, 446748, 446750	5. Metal Coating	N	102.00	2. gallon	0.9100	4.9700	45.62	0.00	0.00
PAINTING OF PARTS CA 8000/D3635 BASE COMPONENT (CA 8000/D3635)	Urethane / Polyurethane (Hi-Gloss)	530543, 451427, 446748, 446750	5. Metal Coating	N	8.00	2. gallon	0.9100	0.4800	0.35	0.00	0.00
PAINTING OF PARTS 825-009 BASE COMPONENT (825-009001)	Primer	530543, 451427, 446748, 446750	5. Metal Coating	N	148.00	2. gallon	0.9100	3.1700	42.22	0.00	0.00
PAINTING OF PARTS TT-L-20A 36118 GRAY FLAT LACQUER (20A-36118)	Lacquer	530543, 451427, 446748, 446750	5. Metal Coating	N	14.00	2. gallon	0.9100	5.2000	6.55	0.00	0.00
PAINTING OF PARTS BMS-10-11AB-TYP E I-CLASS A GRADE E PRIMER (44Y022)	Primer	530543, 451427, 446748, 446750	5. Metal Coating	N	14.00	2. gallon	0.9100	2.8300	3.57	0.00	0.00
PAINTING OF PARTS F93G00116 MIL-DTL-53093 T4 POLYMERIC MOIST CURE (F93G00116)	Primer	530543, 451427, 446748, 446750	5. Metal Coating	N	48.00	2. gallon	0.9100	1.0000	4.32	0.00	0.00

Device Description and Material	Material Code Description	Application Number	ActivityCode Description	TAC/ ODC	Annual Usage	Unit Code	Overall Control Efficiency	Organic Gases		Specific Organics	
								Emission Factor	Emissions	Emission Factor	Emissions
PAINTING OF PARTS MIL-P-23377E, TYPE I, CLASS 1 (02Y024)	Primer	530543, 451427, 446748, 446750	5. Metal Coating	N	34.00	2. gallon	0.9100	4.8500	14.84	0.00	0.00
PAINTING OF PARTS 3MSURFACE PRETREATMENT AC-131BB-30 (AC131BB)	Lacquer	530543, 451427, 446748, 446750	5. Metal Coating	N	314.00	2. gallon	0.9100	0.0170	0.48	0.00	0.00
PAINTING OF PARTS M85285E-I-H-1113 6 & N WS26052 (2) (03R064)	Urethane / Polyurethane (Hi-Gloss)	530543, 451427, 446748, 446750	5. Metal Coating	N	6.00	2. gallon	0.9100	3.5000	1.89	0.00	0.00
PAINTING OF PARTS MIL-PRF-85285E-TYPE I CLASS H-36173 (03GY321)	Urethane / Polyurethane (Hi-Gloss)	530543, 451427, 446748, 446750	5. Metal Coating	N	14.00	2. gallon	0.9100	3.5000	4.41	0.00	0.00
PAINTING OF PARTS 10P20-13 HIGH SOLIDS EPOXY PRIMER (10P20-13)	Primer	530543, 451427, 446748, 446750	5. Metal Coating	N	120.00	2. gallon	0.9100	4.7000	50.76	0.00	0.00
PAINTING OF PARTS 10P20-44-HIGH SOLID EPOXY PRIMER (10P20-44)	Primer	530543, 451427, 446748, 446750	5. Metal Coating	N	270.00	2. gallon	0.9100	2.6700	64.88	0.00	0.00
PAINTING OF PARTS 10P20-26 HIGH SOLID EPOXY PRIMER (10P20-26)	Primer	530543, 451427, 446748, 446750	5. Metal Coating	N	48.00	2. gallon	0.9100	2.9300	12.66	0.00	0.00
PAINTING OF PARTS 446-21-7507 WHITE DN 7507 # 718318 (446-21-7507)	Enamel	530543, 451427, 446748, 446750	5. Metal Coating	N	124.00	2. gallon	0.9100	3.4800	38.84	0.00	0.00

Device Description and Material	Material Code Description	Application Number	ActivityCode Description	TAC/ ODC	Annual Usage	Unit Code	Overall Control Efficiency	Organic Gases		Specific Organics	
								Emission Factor	Emissions	Emission Factor	Emissions
PAINTING OF PARTS 446-22-1000 WHITE BAC 702 # 714480 (446-22-1000)	Urethane / Polyurethane (Hi-Gloss)	530543, 451427, 446748, 446750	5. Metal Coating	N	96.00	2. gallon	0.9100	3.4600	29.89	0.00	0.00
PAINTING OF PARTS 446-22-2000 GRAY BAC 707 #G15001 (446-22-2000)	Urethane / Polyurethane (Hi-Gloss)	530543, 451427, 446748, 446750	5. Metal Coating	N	84.00	2. gallon	0.9100	3.4900	26.38	0.00	0.00
PAINTING OF PARTS ECL-G-101-GRAY BAC 707 #715004 (ECL-G-101)	Urethane / Polyurethane (Hi-Gloss)	530543, 451427, 446748, 446750	5. Metal Coating	N	12.00	2. gallon	0.9100	3.5100	3.79	0.00	0.00
PAINTING OF PARTS ECL-G-16 WHITE BAC 702 #715480 (ECL-G-16)	Primer	530543, 451427, 446748, 446750	5. Metal Coating	N	60.00	2. gallon	0.9100	3.5100	18.95	0.00	0.00
PAINTING OF PARTS ECL-G-46 WHITE 595B-17875 #715293 WHITE ECL-G-46)	Primer	530543, 451427, 446748, 446750	5. Metal Coating	N	16.00	2. gallon	0.9100	3.5100	5.05	0.00	0.00
PAINTING OF PARTS ECL-G-1129 GRAY 595B-16473#71800 2 (ECL-G-1129)	Primer	530543, 451427, 446748, 446750	5. Metal Coating	N	12.00	2. gallon	0.9100	1.4300	1.54	0.00	0.00
PAINTING OF PARTS ECL-G-1622 WHITE BAC 70846 # 715108 (ECL-G-1622)	Enamel	530543, 451427, 446748, 446750	5. Metal Coating	N	48.00	2. gallon	0.9100	3.5100	15.16	0.00	0.00
PAINTING OF PARTS 364-1-6 PRETREATMENT PRIMER YELLOW YELLOW (364-1-6)	Primer	530543, 451427, 446748, 446750	5. Metal Coating	N	18.00	2. gallon	0.9100	4.1900	6.79	0.00	0.00

Device Description and Material	Material Code Description	Application Number	ActivityCode Description	TAC/ ODC	Annual Usage	Unit Code	Overall Control Efficiency	Organic Gases		Specific Organics	
								Emission Factor	Emissions	Emission Factor	Emissions
PAINTING OF PARTS 24F40-17 WHITE DN 9374 # 715120 (24F40-17)	Urethane / Polyurethane (Hi-Gloss)	530543, 451427, 446748, 446750	5. Metal Coating	N	1.50	2. gallon	0.9100	3.4600	0.47	0.00	0.00
PAINTING OF PARTS BMS 10-11 AB TYPE I CLASS A GRADE E (44GN011)	Primer	530543, 451427, 446748, 446750	5. Metal Coating	N	1,928.00	2. gallon	0.9100	1.1300	196.08	0.00	0.00
PAINTING OF PARTS MIL-PRF-85582, TYPE I CLASS C2 (44GN072)	Primer	530543, 451427, 446748, 446750	5. Metal Coating	N	560.00	2. gallon	0.9100	1.2100	60.98	0.00	0.00
PAINTING OF PARTS MIL-PRF-85285-TYPE I-CLASS H-17925 BASE (03W127A)	Primer	530543, 451427, 446748, 446750	5. Metal Coating	N	174.00	2. gallon	0.9100	3.5000	54.81	0.00	0.00
PAINTING OF PARTS DEFTHANE M85285E-I-H-17875 BASE (03W160)	Urethane / Polyurethane (Hi-Gloss)	530543, 451427, 446748, 446750	5. Metal Coating	N	68.00	2. gallon	0.9100	3.5000	21.42	0.00	0.00
PAINTING OF PARTS DMS 1786M,COMPOSITION D (44GN054)	Primer	530543, 451427, 446748, 446750	5. Metal Coating	N	420.00	2. gallon	0.9100	1.1600	43.85	0.00	0.00
PAINTING OF PARTS MIL-DTL-53022E-TYPE II PART A (02W036)	Primer	530543, 451427, 446748, 446750	5. Metal Coating	N	20.00	2. gallon	0.9100	3.5000	6.30	0.00	0.00
PAINTING OF PARTS DEFTHANE M85285E-I-H-36440 (03GY312)	Primer	530543, 451427, 446748, 446750	5. Metal Coating	N	16.00	2. gallon	0.9100	3.5000	5.04	0.00	0.00
PAINTING OF PARTS DEFTHANE M85285E-I-H-17178 (03GY315)	Primer	530543, 451427, 446748, 446750	5. Metal Coating	N	32.00	2. gallon	0.9100	3.1700	9.13	0.00	0.00

Device Description and Material	Material Code Description	Application Number	ActivityCode Description	TAC/ ODC	Annual Usage	Unit Code	Overall Control Efficiency	Organic Gases		Specific Organics	
								Emission Factor	Emissions	Emission Factor	Emissions
MIL-PRF-85582E-TYPE I CLASS C1 (44GN007)	Primer	530543, 451427, 446748, 446750	5. Metal Coating	N	48.00	2. gallon	0.9100	0.9430	4.07	0.00	0.00
PAINTING OF PARTS MIL-PRF-85285D-I-H-36118 GUN SHIP (03GY330)	Primer	530543, 451427, 446748, 446750	5. Metal Coating	N	6.00	2. gallon	0.9100	3.5000	1.89	0.00	0.00
PAINTING OF PARTS MIL-PRF-85285-TYPE I-CLASS H-34424 BASE (03GN209)	Primer	530543, 451427, 446748, 446750	5. Metal Coating	N	10.00	2. gallon	0.9100	3.5000	3.15	0.00	0.00
PAINTING OF PARTS MIL-PRF-85285-TYPE I-CLASS H-36270 BASE (03GY323)	Primer	530543, 451427, 446748, 446750	5. Metal Coating	N	12.00	2. gallon	0.9100	3.5000	3.78	0.00	0.00
PAINTING OF PARTS MIL-PRF-85285-TYPE I-CLASS H-346320 BASE (03GY287)	Primer	530543, 451427, 446748, 446750	5. Metal Coating	N	6.00	2. gallon	0.9100	3.5000	1.89	0.00	0.00
PAINTING OF PARTS MIL-PRF-85285-TYPE I-CLASS H-36231 (03GY332)	Primer	530543, 451427, 446748, 446750	5. Metal Coating	N	18.00	2. gallon	0.9100	3.5000	5.67	0.00	0.00
PAINTING OF PARTS DEFTHANE M85285E-I-H-36375 BASE (03GY292)	Primer	530543, 451427, 446748, 446750	5. Metal Coating	N	16.00	2. gallon	0.9100	3.5000	5.04	0.00	0.00
PAINTING OF PARTS H.P. COROSION INHIBITING PRIMER (44GN098)	Primer	530543, 451427, 446748, 446750	5. Metal Coating	N	60.00	2. gallon	0.9100	1.2100	6.53	0.00	0.00

Device Description and Material	Material Code Description	Application Number	ActivityCode Description	TAC/ ODC	Annual Usage	Unit Code	Overall Control Efficiency	Organic Gases		Specific Organics	
								Emission Factor	Emissions	Emission Factor	Emissions
							SUBTOTAL EMISSIONS (lbs) :		1,501.62		0.00
							Waste Credit (lbs) from Form W		0.00		
							Net Emissions in Pounds :		1,501.62		
							Net Emissions in Tons :		0.75		

South Coast

AQMD

Annual Emission Report

Reporting Year: **2013**

Facility ID: **18989**
Facility Name: **BOWMAN PLATING CO INC**
Facility Type:

Print Date: **2/28/2014**

B3U - Non-Permitted Annual Emissions from the Use of Organics

Device Description and Material	Material Code Description	ActivityCode Description	TAC/ODC	Annual Usage	Unit Code	Organic Gases		Specific Organics	
						Emission Factor	Emissions	Emission Factor	Emissions
Hand Wipe Cleaning Of Parts	MEK	0. Surface Preparation / Process Cleaning	N	55.00	2. gallon	6.7000	368.50	0.00	0.00
Paint Stripper for removing paints	Paint Remover	3. Hand Wipe Cleaning	N	165.00	2. gallon	0.2500	41.25	0.00	0.00

SUBTOTAL EMISSIONS (lbs) :	409.75	0.00
Waste Credit (lbs) from Form WU	0.00	
Net Emissions in Pounds :	409.75	
Net Emissions in Tons :	0.20	

South Coast AQMD

Annual Emission Report

Reporting Year 2013

Print Date 2/28/2014

Facility ID: 18989

Facility Name: BOWMAN PLATING CO INC

Facility Type:

B4 - Permitted Emissions from Miscellaneous Sources

Process Description	App Number	Activity Code	TAC / ODC	Annual throughput	Unit Codes	Organic Gases		Specific Organics		Nitrogen Oxides		Sulfur Oxides		Carbon Monoxide		Particulate Matter	
						Emission Factor	Emissions	Emission Factor	Emissions	Emission Factor	Emissions	Emission Factor	Emissions	Emission Factor	Emissions	Emission Factor	Emissions
Nickle Strike	D56919, d56897	05. .	Y	195.00	1. pound	0.0000	0.00	0.0000	0.00	0.00	0.00	0.0000	0.00	0.0000	0.00	0.0050	0.98
CADMIUM PLATING TANK	341796, D56896, D56899	5c. Plating Process - Cadmium.	Y	313.31	8. 1000 amp-hour	0.0000	0.00	0.0000	0.00	0.00	0.00	0.0000	0.00	0.0000	0.00	0.0020	0.63
CHROMIC ACID ANODIZE	499610, 442836, 343807, 227235	5a. Plating Process - Hexavalent Chromium.	Y	242.33	8. 1000 amp-hour	0.0000	0.00	0.0000	0.00	0.00	0.00	0.0000	0.00	0.0000	0.00	0.0200	4.85
SAND BLAST OPERATION	434537, 434535, 341806, P37202	1. Abrasive blasting.	N	24.00	5. ton	0.0000	0.00	0.0000	0.00	0.00	0.00	0.0000	0.00	0.0000	0.00	0.8200	19.68
PAINTING OF PARTS 03GY330	530543, 451427, 446748, 446750	36. Spraybooth - Particulate emissions.	N	6.00	2. gallon	0.0000	0.00	0.0000	0.00	0.00	0.00	0.0000	0.00	0.0000	0.00	0.1575	0.95
PAINTING OF PARTS 44GN007	530543, 451427, 446748, 446750	36. Spraybooth - Particulate emissions.	Y	48.00	2. gallon	0.0000	0.00	0.0000	0.00	0.00	0.00	0.0000	0.00	0.0000	0.00	0.0255	1.22
PAINTING OF PARTS 03GY312	530543, 451427, 446748, 446750	36. Spraybooth - Particulate emissions.	N	16.00	2. gallon	0.0000	0.00	0.0000	0.00	0.00	0.00	0.0000	0.00	0.0000	0.00	0.1553	2.48

Process Description	App Number	Activity Code	TAC / ODC	Annual throughput	Unit Codes	Organic Gases		Specific O[illegible]s		Nitrogen Oxides		Sulfur Oxides		Carbon Monoxide		[illegible]culate Matter	
						Emission Factor	Emissions	Emission Factor	Emissions	Emission Factor	Emissions	Emission Factor	Emissions	Emission Factor	Emissions	Emission Factor	Emissions
PAINTING OF PARTS 03GY315	530543, 451427, 446748, 446750	36. Spraybooth - Particulate emissions.	N	32.00	2. gallon	0.0000	0.00	0.0000	0.00	0.00	0.00	0.0000	0.00	0.0000	0.00	0.0575	1.84
PAINTING OF PARTS 02W036	530543, 451427, 446748, 446750	36. Spraybooth - Particulate emissions.	N	20.00	2. gallon	0.0000	0.00	0.0000	0.00	0.00	0.00	0.0000	0.00	0.0000	0.00	0.1620	3.24
PAINTING OF PARTS 44GN54	530543, 451427, 446748, 446750	36. Spraybooth - Particulate emissions.	Y	420.00	2. gallon	0.0000	0.00	0.0000	0.00	0.00	0.00	0.0000	0.00	0.0000	0.00	0.2492	104.66
PAINTING OF PARTS 03W160	530543, 451427, 446748, 446750	36. Spraybooth - Particulate emissions.	N	68.00	2. gallon	0.0000	0.00	0.0000	0.00	0.00	0.00	0.0000	0.00	0.0000	0.00	0.2250	15.30
PAINTING OF PARTS 03W127A	530543, 451427, 446748, 446750	36. Spraybooth - Particulate emissions.	N	174.00	2. gallon	0.0000	0.00	0.0000	0.00	0.00	0.00	0.0000	0.00	0.0000	0.00	0.2445	42.54
PAINTING OF PARTS 44GN72	530543, 451427, 446748, 446750	36. Spraybooth - Particulate emissions.	Y	560.00	2. gallon	0.0000	0.00	0.0000	0.00	0.00	0.00	0.0000	0.00	0.0000	0.00	0.0493	27.61
PAINTING OF PARTS 44GN11	530543, 451427, 446748, 446750	36. Spraybooth - Particulate emissions.	Y	1,928.00	2. gallon	0.0000	0.00	0.0000	0.00	0.00	0.00	0.0000	0.00	0.0000	0.00	0.0404	77.89
PAINTING OF PARTS 24F40-17	530543, 451427, 446748, 446750	36. Spraybooth - Particulate emissions.	N	1.50	2. gallon	0.0000	0.00	0.0000	0.00	0.00	0.00	0.0000	0.00	0.0000	0.00	0.5270	0.79
PAINTING OF PARTS 364-1-6	530543, 451427, 446748, 446750	36. Spraybooth - Particulate emissions.	Y	18.00	2. gallon	0.0000	0.00	0.0000	0.00	0.00	0.00	0.0000	0.00	0.0000	0.00	0.2451	4.41
PAINTING OF PARTS ECL-G-1622/ PC-233/TR10 9	530543, 451427, 446748, 446750	36. Spraybooth - Particulate emissions.	N	48.00	2. gallon	0.0000	0.00	0.0000	0.00	0.00	0.00	0.0000	0.00	0.0000	0.00	0.1979	9.50

Process Description	App Number	Activity Code	TAC / ODC	Annual throughput	Unit Codes	Organic Gases		Specific Organics		Nitrogen Oxides		Sulfur Oxides		Carbon Monoxide		Particulate Matter	
						Emission Factor	Emissions	Emission Factor	Emissions	Emission Factor	Emissions	Emission Factor	Emissions	Emission Factor	Emissions	Emission Factor	Emissions
PAINTING OF PARTS ECL-G-1129	530543, 451427, 446748, 446750	36. Spraybooth - Particulate emissions.	N	12.00	2. gallon	0.0000	0.00	0.0000	0.00	0.00	0.00	0.0000	0.00	0.0000	0.00	2.3460	28.15
PAINTING OF PARTS ECL-G-46	530543, 451427, 446748, 446750	36. Spraybooth - Particulate emissions.	N	16.00	2. gallon	0.0000	0.00	0.0000	0.00	0.00	0.00	0.0000	0.00	0.0000	0.00	1.4070	22.51
PAINTING OF PARTS ECL-G-16	530543, 451427, 446748, 446750	36. Spraybooth - Particulate emissions.	N	60.00	2. gallon	0.0000	0.00	0.0000	0.00	0.00	0.00	0.0000	0.00	0.0000	0.00	1.2540	75.24
PAINTING OF PARTS ECL-G-101/PC-233/TR109	530543, 451427, 446748, 446750	36. Spraybooth - Particulate emissions.	N	12.00	2. gallon	0.0000	0.00	0.0000	0.00	0.00	0.00	0.0000	0.00	0.0000	0.00	0.8340	10.01
PAINTING OF PARTS 446-22-2000	530543, 451427, 446748, 446750	36. Spraybooth - Particulate emissions.	N	84.00	2. gallon	0.0000	0.00	0.0000	0.00	0.00	0.00	0.0000	0.00	0.0000	0.00	2.2485	188.87
PAINTING OF PARTS 446-22-1000	530543, 451427, 446748, 446750	36. Spraybooth - Particulate emissions.	N	96.00	2. gallon	0.0000	0.00	0.0000	0.00	0.00	0.00	0.0000	0.00	0.0000	0.00	1.7175	164.88
PAINTING OF PARTS 446-21-7507	530543, 451427, 446748, 446750	36. Spraybooth - Particulate emissions.	N	124.00	2. gallon	0.0000	0.00	0.0000	0.00	0.00	0.00	0.0000	0.00	0.0000	0.00	2.1765	269.89
PAINTING OF PARTS 10P20-26	530543, 451427, 446748, 446750	36. Spraybooth - Particulate emissions.	Y	48.00	2. gallon	0.0000	0.00	0.0000	0.00	0.00	0.00	0.0000	0.00	0.0000	0.00	0.4440	21.31
PAINTING OF PARTS 10P20-44	530543, 451427, 446748, 446750	36. Spraybooth - Particulate emissions.	Y	270.00	2. gallon	0.0000	0.00	0.0000	0.00	0.00	0.00	0.0000	0.00	0.0000	0.00	2.0500	553.50
PAINTING OF PARTS 10P20-13	530543, 451427, 446748, 446750	36. Spraybooth - Particulate emissions.	Y	120.00	2. gallon	0.0000	0.00	0.0000	0.00	0.00	0.00	0.0000	0.00	0.0000	0.00	2.7930	335.16

Process Description	App Number	Activity Code	TAC / ODC	Annual throughput	Unit Codes	Organic Gases		Specific Organics		Nitrogen Oxides		Sulfur Oxides		Carbon Monoxide		Particulate Matter	
						Emission Factor	Emissions	Emission Factor	Emissions	Emission Factor	Emissions	Emission Factor	Emissions	Emission Factor	Emissions	Emission Factor	Emissions
PAINTING OF PARTS 03GY321	530543, 451427, 446748, 446750	36. Spraybooth - Particulate emissions.	N	14.00	2. gallon	0.0000	0.00	0.0000	0.00	0.00	0.00	0.0000	0.00	0.0000	0.00	0.1553	2.17
PAINTING OF PARTS 03-R-064	530543, 451427, 446748, 446750	36. Spraybooth - Particulate emissions.	N	6.00	2. gallon	0.0000	0.00	0.0000	0.00	0.00	0.00	0.0000	0.00	0.0000	0.00	0.2130	1.28
PAINTING OF PARTS 02Y024	530543, 451427, 446748, 446750	36. Spraybooth - Particulate emissions.	Y	34.00	2. gallon	0.0000	0.00	0.0000	0.00	0.00	0.00	0.0000	0.00	0.0000	0.00	0.1377	4.68
PAINTING OF PARTS 44-Y-22	530543, 451427, 446748, 446750	36. Spraybooth - Particulate emissions.	Y	14.00	2. gallon	0.0000	0.00	0.0000	0.00	0.00	0.00	0.0000	0.00	0.0000	0.00	0.0990	1.39
PAINTING OF PARTS 20A-36118	530543, 451427, 446748, 446750	36. Spraybooth - Particulate emissions.	N	14.00	2. gallon	0.0000	0.00	0.0000	0.00	0.00	0.00	0.0000	0.00	0.0000	0.00	0.9650	13.51
PAINTING OF PARTS 825-009	530543, 451427, 446748, 446750	36. Spraybooth - Particulate emissions.	Y	148.00	2. gallon	0.0000	0.00	0.0000	0.00	0.00	0.00	0.0000	0.00	0.0000	0.00	0.0050	0.74
PAINTING OF PARTS CA8000/D36 35	530543, 451427, 446748, 446750	36. Spraybooth - Particulate emissions.	N	8.00	2. gallon	0.0000	0.00	0.0000	0.00	0.00	0.00	0.0000	0.00	0.0000	0.00	0.1125	0.90
PAINTING OF PARTS 512X310	530543, 451427, 446748, 446750	36. Spraybooth - Particulate emissions.	N	102.00	2. gallon	0.0000	0.00	0.0000	0.00	0.00	0.00	0.0000	0.00	0.0000	0.00	0.0150	1.53
PAINTING OF PARTS 833K086	530543, 451427, 446748, 446750	36. Spraybooth - Particulate emissions.	Y	45.00	2. gallon	0.0000	0.00	0.0000	0.00	0.00	0.00	0.0000	0.00	0.0000	0.00	0.0150	0.68
PAINTING OF PARTS CA 8211/F36440	530543, 451427, 446748, 446750	36. Spraybooth - Particulate emissions.	N	5.00	2. gallon	0.0000	0.00	0.0000	0.00	0.00	0.00	0.0000	0.00	0.0000	0.00	1.5300	7.65

Process Description	App Number	Activity Code	TAC / ODC	Annual throughput	Unit Codes	Organic Gases		Specific [illegible]		Nitrogen Oxides		Sulfur Oxides		Carbon Monoxide		Particulate Matter	
						Emission Factor	Emissions	Emission Factor	Emissions	Emission Factor	Emissions	Emission Factor	Emissions	Emission Factor	Emissions	Emission Factor	Emissions
PAINTING OF PARTS 515X349	530543, 451427, 446748, 446750	36. Spraybooth - Particulate emissions.	N	140.00	2. gallon	0.0000	0.00	0.0000	0.00	0.00	0.00	0.0000	0.00	0.0000	0.00	0.0600	8.40
PAINTING OF PARTS 10P30-5	530543, 451427, 446748, 446750	36. Spraybooth - Particulate emissions.	Y	24.00	2. gallon	0.0000	0.00	0.0000	0.00	0.00	0.00	0.0000	0.00	0.0000	0.00	0.2165	5.20
PAINTING OF PARTS 454-4-1	530543, 451427, 446748, 446750	36. Spraybooth - Particulate emissions.	Y	144.00	2. gallon	0.0000	0.00	0.0000	0.00	0.00	0.00	0.0000	0.00	0.0000	0.00	0.0450	6.48
PAINTING OF PARTS 23T3-105	530543, 451427, 446748, 446750	36. Spraybooth - Particulate emissions.	N	18.00	2. gallon	0.0000	0.00	0.0000	0.00	0.00	0.00	0.0000	0.00	0.0000	0.00	1.7213	30.98
PAINTING OF PARTS 23T3-10	530543, 451427, 446748, 446750	36. Spraybooth - Particulate emissions.	N	42.00	2. gallon	0.0000	0.00	0.0000	0.00	0.00	0.00	0.0000	0.00	0.0000	0.00	2.2658	95.16
PAINTING OF PARTS 01-W-074	530543, 451427, 446748, 446750	36. Spraybooth - Particulate emissions.	N	1.00	2. gallon	0.0000	0.00	0.0000	0.00	0.00	0.00	0.0000	0.00	0.0000	0.00	0.1425	0.14
PAINTING OF PARTS 03GY277	530543, 451427, 446748, 446750	36. Spraybooth - Particulate emissions.	N	16.00	2. gallon	0.0000	0.00	0.0000	0.00	0.00	0.00	0.0000	0.00	0.0000	0.00	0.2430	3.89
PAINTING OF PARTS 03GY330	530543, 451427, 446748, 446750	36. Spraybooth - Particulate emissions.	N	6.00	2. gallon	0.0000	0.00	0.0000	0.00	0.00	0.00	0.0000	0.00	0.0000	0.00	0.1575	0.95
PAINTING OF PARTS 03-BK-99	530543, 451427, 446748, 446750	36. Spraybooth - Particulate emissions.	N	1.00	2. gallon	0.0000	0.00	0.0000	0.00	0.00	0.00	0.0000	0.00	0.0000	0.00	0.1643	0.16
PAINTING OF PARTS 01-W-081	530543, 451427, 446748, 446750	36. Spraybooth - Particulate emissions.	N	1.00	2. gallon	0.0000	0.00	0.0000	0.00	0.00	0.00	0.0000	0.00	0.0000	0.00	0.1635	0.16

Process Description	App Number	Activity Code	TAC / ODC	Annual throughput	Unit Codes	Organic Gases		Specific C[illegible]s		Nitrogen Oxides		Sulfur Oxides		Carbon Monoxide		[illegible]culate Matter	
						Emission Factor	Emissions	Emission Factor	Emissions	Emission Factor	Emissions	Emission Factor	Emissions	Emission Factor	Emissions	Emission Factor	Emissions
PAINTING OF PARTS 01BK42	530543, 451427, 446748, 446750	36. Spraybooth - Particulate emissions.	N	2.00	2. gallon	0.0000	0.00	0.0000	0.00	0.00	0.00	0.0000	0.00	0.0000	0.00	0.1680	0.34
PAINTING OF PARTS 01-GY-82	530543, 451427, 446748, 446750	36. Spraybooth - Particulate emissions.	N	3.00	2. gallon	0.0000	0.00	0.0000	0.00	0.00	0.00	0.0000	0.00	0.0000	0.00	0.0315	0.09
PAINTING OF PARTS 513X390	530543, 451427, 446748, 446750	36. Spraybooth - Particulate emissions.	Y	4.00	2. gallon	0.0000	0.00	0.0000	0.00	0.00	0.00	0.0000	0.00	0.0000	0.00	0.0970	0.39
PAINTING OF PARTS 03OR59	530543, 451427, 446748, 446750	36. Spraybooth - Particulate emissions.	N	2.00	2. gallon	0.0000	0.00	0.0000	0.00	0.00	0.00	0.0000	0.00	0.0000	0.00	0.1635	0.33
PAINTING OF PARTS 02Y040A	530543, 451427, 446748, 446750	36. Spraybooth - Particulate emissions.	Y	5.50	2. gallon	0.0000	0.00	0.0000	0.00	0.00	0.00	0.0000	0.00	0.0000	0.00	0.1605	0.88
PAINTING OF PARTS 09-Y-002	530543, 451427, 446748, 446750	36. Spraybooth - Particulate emissions.	Y	7.50	2. gallon	0.0000	0.00	0.0000	0.00	0.00	0.00	0.0000	0.00	0.0000	0.00	0.1272	0.95
PAINTING OF PARTS 01-BK-041	530543, 451427, 446748, 446750	36. Spraybooth - Particulate emissions.	N	8.00	2. gallon	0.0000	0.00	0.0000	0.00	0.00	0.00	0.0000	0.00	0.0000	0.00	0.1680	1.34
PAINTING OF PARTS KG200	530543, 451427, 446748, 446750	36. Spraybooth - Particulate emissions.	N	200.00	2. gallon	0.0000	0.00	0.0000	0.00	0.00	0.00	0.0000	0.00	0.0000	0.00	0.2280	45.60
PAINTING OF PARTS 099	530543, 451427, 446748, 446750	36. Spraybooth - Particulate emissions.	N	22.00	2. gallon	0.0000	0.00	0.0000	0.00	0.00	0.00	0.0000	0.00	0.0000	0.00	0.1740	3.83
PAINTING OF PARTS PEV967 GLD	530543, 451427, 446748, 446750	36. Spraybooth - Particulate emissions.	N	1.00	2. gallon	0.0000	0.00	0.0000	0.00	0.00	0.00	0.0000	0.00	0.0000	0.00	0.2220	0.22

Process Description	App Number	Activity Code	TAC / ODC	Annual throughput	Unit Codes	Organic Gases		Specific C[illegible]s		Nitrogen Oxides		Sulfur Oxides		Carbon Monoxide		[illegible]culate Matter	
						Emission Factor	Emissions	Emission Factor	Emissions	Emission Factor	Emissions	Emission Factor	Emissions	Emission Factor	Emissions	Emission Factor	Emissions
PAINTING OF PARTS EVERLUBE 811	530543, 451427, 446748, 446750	36. Spraybooth - Particulate emissions.	N	6.00	2. gallon	0.0000	0.00	0.0000	0.00	0.00	0.00	0.0000	0.00	0.0000	0.00	0.2220	1.33
PAINTING OF PARTS 44GN49	530543, 451427, 446748, 446750	36. Spraybooth - Particulate emissions.	Y	4.00	2. gallon	0.0000	0.00	0.0000	0.00	0.00	0.00	0.0000	0.00	0.0000	0.00	0.0436	0.17
PAINTING OF PARTS 03GY346	530543, 451427, 446748, 446750	36. Spraybooth - Particulate emissions.	N	6.00	2. gallon	0.0000	0.00	0.0000	0.00	0.00	0.00	0.0000	0.00	0.0000	0.00	0.1508	0.90
PAINTING OF PARTS 20A-34424	530543, 451427, 446748, 446750	36. Spraybooth - Particulate emissions.	N	24.00	2. gallon	0.0000	0.00	0.0000	0.00	0.00	0.00	0.0000	0.00	0.0000	0.00	1.2420	29.81
PAINTING OF PARTS 99-GY-001	530543, 451427, 446748, 446750	36. Spraybooth - Particulate emissions.	N	3.00	2. gallon	0.0000	0.00	0.0000	0.00	0.00	0.00	0.0000	0.00	0.0000	0.00	0.1830	0.55
PAINTING OF PARTS 10P8-10	530543, 451427, 446748, 446750	36. Spraybooth - Particulate emissions.	Y	22.00	2. gallon	0.0000	0.00	0.0000	0.00	0.00	0.00	0.0000	0.00	0.0000	0.00	0.3380	7.44
PAINTING OF PARTS 8100B-70846	530543, 451427, 446748, 446750	36. Spraybooth - Particulate emissions.	N	32.00	2. gallon	0.0000	0.00	0.0000	0.00	0.00	0.00	0.0000	0.00	0.0000	0.00	1.3506	43.22
PAINTING OF PARTS AC-850-CH-T OL-TAN	530543, 451427, 446748, 446750	36. Spraybooth - Particulate emissions.	N	165.00	2. gallon	0.0000	0.00	0.0000	0.00	0.00	0.00	0.0000	0.00	0.0000	0.00	0.4900	80.85
PAINTING OF PART 519X303	530543, 451427, 446748, 446750	36. Spraybooth - Particulate emissions.	Y	3.00	2. gallon	0.0000	0.00	0.0000	0.00	0.00	0.00	0.0000	0.00	0.0000	0.00	0.0761	0.23
PAINTING OF PARTS 23T3-106	530543, 451427, 446748, 446750	36. Spraybooth - Particulate emissions.	N	3.00	2. gallon	0.0000	0.00	0.0000	0.00	0.00	0.00	0.0000	0.00	0.0000	0.00	1.7500	5.25

Process Description	App Number	Activity Code	TAC / ODC	Annual throughput	Unit Codes	Organic Gases		Specific [illegible]s		Nitrogen Oxides		Sulfur Oxides		Carbon Monoxide		[illegible]culate Matter	
						Emission Factor	Emissions	Emission Factor	Emissions	Emission Factor	Emissions	Emission Factor	Emissions	Emission Factor	Emissions	Emission Factor	Emissions
PAINTING OF PARTS 10P20-26	530543, 451427, 446748, 446750	36. Spraybooth - Particulate emissions.	Y	48.00	2. gallon	0.0000	0.00	0.0000	0.00	0.00	0.00	0.0000	0.00	0.0000	0.00	0.3218	15.45
PAINTING OF PARTS 364-1-6	530543, 451427, 446748, 446750	36. Spraybooth - Particulate emissions.	Y	27.00	2. gallon	0.0000	0.00	0.0000	0.00	0.00	0.00	0.0000	0.00	0.0000	0.00	0.4110	11.10
PAINTING OF PARTS 446-21-7038	530543, 451427, 446748, 446750	36. Spraybooth - Particulate emissions.	N	3.00	2. gallon	0.0000	0.00	0.0000	0.00	0.00	0.00	0.0000	0.00	0.0000	0.00	1.5800	4.74
PAINTING OF PARTS 02GN070	530543, 451427, 446748, 446750	36. Spraybooth - Particulate emissions.	Y	22.00	2. gallon	0.0000	0.00	0.0000	0.00	0.00	0.00	0.0000	0.00	0.0000	0.00	0.0570	1.25
PAINTING OF PARTS 44GN72	530543, 451427, 446748, 446750	36. Spraybooth - Particulate emissions.	Y	560.00	2. gallon	0.0000	0.00	0.0000	0.00	0.00	0.00	0.0000	0.00	0.0000	0.00	0.0460	25.76
PAINTING OF PARTS 03GN29	530543, 451427, 446748, 446750	36. Spraybooth - Particulate emissions.	N	10.00	2. gallon	0.0000	0.00	0.0000	0.00	0.00	0.00	0.0000	0.00	0.0000	0.00	0.5750	5.75
PAINTING OF PARTS 44GN060	530543, 451427, 446748, 446750	36. Spraybooth - Particulate emissions.	Y	420.00	2. gallon	0.0000	0.00	0.0000	0.00	0.00	0.00	0.0000	0.00	0.0000	0.00	0.0690	28.98
PAINTING OF PARTS 03GY323	530543, 451427, 446748, 446750	36. Spraybooth - Particulate emissions.	N	12.00	2. gallon	0.0000	0.00	0.0000	0.00	0.00	0.00	0.0000	0.00	0.0000	0.00	0.5100	6.12
PAINTING OF PARTS 03GY287	530543, 451427, 446748, 446750	36. Spraybooth - Particulate emissions.	N	6.00	2. gallon	0.0000	0.00	0.0000	0.00	0.00	0.00	0.0000	0.00	0.0000	0.00	0.5100	3.06
PAINTING OF PARTS 03GY332	530543, 451427, 446748, 446750	36. Spraybooth - Particulate emissions.	N	18.00	2. gallon	0.0000	0.00	0.0000	0.00	0.00	0.00	0.0000	0.00	0.0000	0.00	0.5200	9.36

Process Description	App Number	Activity Code	TAC / ODC	Annual throughput	Unit Codes	Organic Gases		Specific C[illegible]s		Nitrogen Oxides		Sulfur Oxides		Carbon Monoxide		[illegible]ulate Matter	
						Emission Factor	Emissions	Emission Factor	Emissions	Emission Factor	Emissions	Emission Factor	Emissions	Emission Factor	Emissions	Emission Factor	Emissions
PAINTING OF PARTS 03GY292	530543, 451427, 446748, 446750	36. Spraybooth - Particulate emissions.	N	16.00	2. gallon	0.0000	0.00	0.0000	0.00	0.00	0.00	0.0000	0.00	0.0000	0.00	0.4900	7.84
PAINTING OF PARTS 44-GN-098	530543, 451427, 446748, 446750	36. Spraybooth - Particulate emissions.	N	60.00	2. gallon	0.0000	0.00	0.0000	0.00	0.00	0.00	0.0000	0.00	0.0000	0.00	0.1320	7.92
Total Emissions in Pounds:							0.00		0.00		0.00		0.00		0.00		2,525.20
Total Emissions in Tons:							0.00		0.00		0.00		0.00		0.00		1.26

South Coast AQMD

Annual Emission Report

Reporting Year: **2013**

Print Date: **2/28/2014**

Facility ID: **18989**

Facility Name: **BOWMAN PLATING CO INC**

Facility Type:

TAC - Toxic Air Contaminants & Ozone Depleters by Reference Numbers

Form ID - Line No.	Device Description	TAC Code	CAS #	Annual Throughput	Emission Factor	Overall Control Efficiency (Fraction)	Gross Emission
B1-1	Boiler	19-Polynuclear Aromatic Hydrocarbons (PAHs)	1151	15.15	0.0001	0.000000	0.001515
B1-1	Boiler	12-Formaldehyd e	50000	15.15	0.017	0.000000	0.257550
B1-1	Boiler	02-Benzene	71432	15.15	0.008	0.000000	0.121200
B1-1	Boiler	32-Ammonia	7664417	15.15	18	0.000000	272.700000
B1-1	Boiler	19-Polynuclear Aromatic Hydrocarbons (PAHs)	91203	15.15	0.0003	0.000000	0.004545
B1-2	OVEN	19-Polynuclear Aromatic Hydrocarbons (PAHs)	1151	4.33	0.0001	0.000000	0.000433
B1-2	OVEN	12-Formaldehyd e	50000	4.33	0.017	0.000000	0.073610

Form... - Line No.	Device Description	TAC Code	CAS #	...nnual Throughput	Emission Factor	Overall Control Efficiency (Fraction)	Gross Emiss...
B1-2	OVEN	02-Benzene	71432	4.33	0.008	0.000000	0.0346
B1-2	OVEN	32-Ammonia	7664417	4.33	18	0.000000	77.940000
B1-2	OVEN	19-Polynuclear Aromatic Hydrocarbons (PAHs)	91203	4.33	0.0003	0.000000	0.001299
B1-3	DRYER	19-Polynuclear Aromatic Hydrocarbons (PAHs)	1151	2.16	0.0001	0.000000	0.000216
B1-3	DRYER	12-Formaldehyd e	50000	2.16	0.0123	0.000000	0.026568
B1-3	DRYER	02-Benzene	71432	2.16	0.0058	0.000000	0.0125280
B1-3	DRYER	32-Ammonia	7664417	2.16	18	0.000000	38.880000
B1-3	DRYER	19-Polynuclear Aromatic Hydrocarbons (PAHs)	91203	2.16	0.0003	0.000000	0.000648
B4-1	Nickle Strike	17-Nickel	7440020	195.00	0.0026	0.600000	0.202800
B4-2	CADMIUM PLATING TANK	05-Cadmium	7440439	313.31	0.00002	0.990000	0.0001

Form - Line No.	Device Description	TAC Code	CAS #	Annual Throughput	Emission Factor	Overall Control Efficiency (Fraction)	Gross Emiss.
B4-3	CHROMIC ACID ANODIZE	13-Hexavalent Chromium	18540299	242.33	0.000045	0.990000	0.0001
B4-6	PAINTING OF PARTS 44GN007	13-Hexavalent Chromium	18540299	48.00	0.1	0.990000	0.048000
B4-10	PAINTING OF PARTS 44GN54	13-Hexavalent Chromium	18540299	420.00	0.0981	0.990000	0.412020
B4-13	PAINTING OF PARTS 44GN72	13-Hexavalent Chromium	18540299	560.00	0.0733	0.990000	0.410480
B4-14	PAINTING OF PARTS 44GN11	13-Hexavalent Chromium	18540299	1,928.00	0.086500000	0.990000	1.667720
B4-16	PAINTING OF PARTS 364-1-6	13-Hexavalent Chromium	18540299	18.00	0.0316	0.990000	0.005688
B4-25	PAINTING OF PARTS 10P20-26	13-Hexavalent Chromium	18540299	48.00	0.1677	0.990000	0.080496
B4-26	PAINTING OF PARTS 10P20-44	13-Hexavalent Chromium	18540299	270.00	0.1259	0.990000	0.339930
B4-27	PAINTING OF PARTS 10P20-13	13-Hexavalent Chromium	18540299	120.00	0.2963	0.990000	0.355560
B4-30	PAINTING OF PARTS 02Y024	13-Hexavalent Chromium	18540299	34.00	0.0916	0.990000	0.031144

For... Line No.	Device Description	TAC Code	CAS #	...nual Throughput	Emission Factor	Overall Control Efficiency (Fraction)	Gross Emiss...
B4-31	PAINTING OF PARTS 44-Y-22	13-Hexavalent Chromium	18540299	14.00	0.2213	0.990000	0.030982
B4-33	PAINTING OF PARTS 825-009	13-Hexavalent Chromium	18540299	148.00	0.054900000	0.990000	0.081252
B4-36	PAINTING OF PARTS 833K086	13-Hexavalent Chromium	18540299	45.00	0.0443	0.990000	0.019935
B4-39	PAINTING OF PARTS 10P30-5	13-Hexavalent Chromium	18540299	24.00	0.0460	0.990000	0.0110
B4-40	PAINTING OF PARTS 454-4-1	13-Hexavalent Chromium	18540299	144.00	0.052	0.990000	0.074880
B4-50	PAINTING OF PARTS 513X390	13-Hexavalent Chromium	18540299	4.00	0.097	0.990000	0.003880
B4-52	PAINTING OF PARTS 02Y040A	13-Hexavalent Chromium	18540299	5.50	0.1741	0.990000	0.0095755
B4-53	PAINTING OF PARTS 09-Y-002	13-Hexavalent Chromium	18540299	7.50	0.1216	0.990000	0.009120
B4-59	PAINTING OF PARTS 44GN49	13-Hexavalent Chromium	18540299	4.00	0.0527	0.990000	0.002108
B4-63	PAINTING OF PARTS 10P8-10	13-Hexavalent Chromium	18540299	22.00	0.0576	0.990000	0.0126720

Form - Line No.	Device Description	TAC Code	CAS #	Annual Throughput	Emission Factor	Overall Control Efficiency (Fraction)	Gross Emiss
B4-66	PAINTING OF PART 519X303	13-Hexavalent Chromium	18540299	3.00	0.0761	0.990000	0.0023
B4-68	PAINTING OF PARTS 10P20-26	13-Hexavalent Chromium	18540299	48.00	0.1636	0.990000	0.078528
B4-69	PAINTING OF PARTS 364-1-6	13-Hexavalent Chromium	18540299	27.00	0.0415	0.990000	0.011205
B4-71	PAINTING OF PARTS 02GN070	13-Hexavalent Chromium	18540299	22.00	0.1721	0.990000	0.037862
B4-72	PAINTING OF PARTS 44GN72	13-Hexavalent Chromium	18540299	560.00	0.0724	0.990000	0.405440
B4-74	PAINTING OF PARTS 44GN060	13-Hexavalent Chromium	18540299	420.00	0.1424	0.990000	0.5981

South Coast

AQMD

Annual Emission Report

Reporting Year: **2013**

Print Date: **2/28/2014**

Facility ID: **18989**

Facility Name: **BOWMAN PLATING CO INC**

Facility Type:

TACS - Toxic Air Contaminants and Ozone Depleters Emissions / Fee Summary

TAC Code	Toxic Air Contaminants / Ozone Depleters	Gross Emissions (lbs)	Recycling Credit (lbs)	Net Emissions (lbs)	Emissions subject to fees	Fee Rate ($/lb)	Fee Due ($)
01	Asbestos	0.00	0.00	0.00	0.00	5.85	0.00
02	Benzene	0.17	0.00	0.17	0.00	1.97	0.00
03	Beryllium	0.00	0.00	0.00	0.00	5.85	0.00
04	1,3-Butadiene	0.00	0.00	0.00	0.00	5.85	0.00
05	Cadmium	0.00	0.00	0.00	0.00	5.85	0.00
06	Carbon Tetrachloride	0.00	0.00	0.00	0.00	1.97	0.00
07	Chlorinated Dioxins & Dibenzofurans	0.00	0.00	0.00	0.00	9.74	0.00
08	1,4-Dioxane	0.00	0.00	0.00	0.00	0.43	0.00
09	Ethylene Dibromide	0.00	0.00	0.00	0.00	1.97	0.00
10	Ethylene Dichloride	0.00	0.00	0.00	0.00	1.97	0.00
11	Ethylene Oxide	0.00	0.00	0.00	0.00	1.97	0.00
12	Formaldehyde	0.36	0.00	0.36	0.00	0.43	0.00
13	Hexavalent Chromium	4.74	0.00	4.74	5.00	7.79	38.95
14	Inorganic Arsenic	0.00	0.00	0.00	0.00	5.85	0.00

TAC Code	Toxic Air Contaminants / Ozone Depleters	Gross Emissions (lbs)	Recycling Credit (lbs)	Net Emissions (lbs)	Emissions subject to fees	Fee Rate ($/lb)	Fee Due ($)
15	Lead	0.00	0.00	0.00	0.00	1.97	0.00
16	Methylene Chloride	0.00	0.00	0.00	0.00	0.08	0.00
17	Nickel	0.20	0.00	0.20	0.00	3.88	0.00
18	Perchloroethylene	0.00	0.00	0.00	0.00	0.43	0.00
19	Polynuclear Aromatic Hydrocarbons (PAHs)	0.01	0.00	0.01	0.00	5.85	0.00
20	Trichloroethylene	0.00	0.00	0.00	0.00	0.16	0.00
21	Vinyl Chloride	0.00	0.00	0.00	0.00	1.97	0.00
22	Chlorofluorocarbons (CFCs/Freons)	0.00	0.00	0.00	0.00	0.37	0.00
23	1,1,1-Tricholoroethane (Methyl chloroform)	0.00	0.00	0.00	0.00	0.05	0.00
32	Ammonia	389.52	0.00	389.52	390.00	0.03	11.70
						Total Fees Due:	50.65

South Coast AQMD

Annual Emission Report

Reporting Yea **2013**

Print Date **2/28/2014**

Facility ID: **18989**

Facility Name: **BOWMAN PLATING CO INC**

Facility Type:

C - Annual Emissions Summary - Permitted

Form ID	Organic Gases	Specific Organics	Nitrogen Oxides	Sulfur Oxides	Carbon Monoxide	Particulate Matter
B1,DCB or AB	0.06	0.00	1.18	0.01	0.75	0.08
B3	0.75	0.00				
B4	0.00	0.00	0.00	0.00	0.00	1.26
Totals Permitted Emissions (tons)	**0.81**	**0**	**1.18**	**0.01**	**0.75**	**1.34**

South Coast AQMD

Annual Emission Report

Reporting Year: **2013**

Print Date: **2/28/2014**

Facility ID: **18989**

Facility Name **BOWMAN PLATING CO INC**

Facility Type:

CU - Annual Emissions Summary - Non-Permitted

Form ID	Organic Gases	Specific Organics	Nitrogen Oxides	Sulfur Oxides	Carbon Monoxide	Particulate Matter
B3U	0.20	0.00				
R1U	0.00					
Total Non-Permitted Emissions (tons)	0.2	0.00	0.00	0.00	0.00	0.00

APPENDIX C: SCAQMD OPERATING PERMITS

SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT
21865 Copley Drive, Diamond Bar, CA 91765

Permit No.
G19828
A/N 530543

PERMIT TO CONSTRUCT/OPERATE

This initial permit must be renewed ANNUALLY unless the equipment is moved, or changes ownership.
If the billing for the annual renewal fee (Rule 301.f) is not received by the expiration date, contact the District.

ID 18989

Legal Owner
or Operator: BOWMAN PLATING CO INC
2631 E 126TH ST
COMPTON, CA 90222

Equipment Location: 2631 E 126TH ST, COMPTON, CA 90222-1599

Equipment Description :

SPRAY BOOTH, SPRAY NET, SIDE DOWN-DRAFT AUTOMOTIVE TYPE, 14'-4" W. X 26'-4" L. X 10'-0" H., WITH THIRTY-SIX 20" X 20" PRE-FILTERS, THIRTY-SIX 20" X 20" POCKET-TYPE FILTERS, AND EIGHTEEN 24" X 24" HEPA FILTERS, FOUR 3 H.P. EXHAUST FANS, AND ONE SPRAYZONE MODEL NO. CURE ZONE 1M PULL THRU MAKE-UP AIR UNIT WITH ONE 1,000,000 BTU/HR MIDCO LNB 1000 LOW NOX NATURAL GAS-FIRED BURNER.

Conditions :

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.

2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.

3. THE OXIDES OF NITROGEN (NOX) EMISSIONS DISCHARGED FROM THIS EQUIPMENT SHALL NOT EXCEED 30 PPM, CALCULATED AS NO2 BY VOLUME ON A DRY BASIS @ 3% OXYGEN, AVERAGED OVER 30 CONSECUTIVE MINUTES.

4. THIS SPRAY BOOTH SHALL NOT BE OPERATED UNLESS ALL EXHAUST AIR PASSES THROUGH THE PRE-FILTERS, POCKET-TYPE FILTERS, AND HEPA FILTERS.

5. GAUGES SHALL BE INSTALLED AND MAINTAINED TO INDICATE, IN INCHES OF WATER, THE STATIC PRESSURE DIFFERENTIAL ACROSS THE EXHAUST FILTERS. IN OPERATION, THE PRESSURE DIFFERENTIAL ACROSS THE PRE-FILTERS AND THE POCKET TYPE FILTERS SHALL NOT EXCEED 1 INCH OF WATER, AND THE PRESSURE DIFFERENTIAL ACROSS THE HEPA FILTERS SHALL NOT EXCEED 2.0 INCHES OF WATER.

6. THE HEPA FILTERS USED IN THIS EQUIPMENT SHALL BE INDIVIDUALLY DOP (OR EQUIVALENT) TESTED WITH 0.3 MICRON PARTICLES AND CERTIFIED TO HAVE AN EFFICIENCY OF NOT LESS THAN 99.97%.

7. THIS EQUIPMENT SHALL BE OPERATED IN COMPLIANCE WITH RULES 1107, 1124, 1147 AND 1171.

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8. THE TOTAL QUANTITY OF VOLATILE ORGANIC COMPOUND (VOC) EMISSIONS FROM THIS EQUIPMENT AND EQUIPMENT UNDER A/N 531911 SHALL NOT EXCEED 900 POUNDS IN ANY ONE CALENDAR MONTH.

9. THE TOTAL QUANTITY OF VOC EMISSIONS FROM THIS FACILITY SHALL NOT EXCEED 1,350 POUNDS IN ANY ONE CALENDAR MONTH.

10. MATERIAL SAFETY DATA SHEETS FOR ALL MATERIALS USED AT THIS FACILITY AND SUBJECT TO DISTRICT RULES SHALL BE KEPT CURRENT AND BE MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST.

11. MATERIALS USED IN THIS EQUIPMENT SHALL NOT CONTAIN ANY CARCINOGENIC AIR CONTAMINANTS IDENTIFIED IN RULE 1401, TABLE I WITH AN EFFECTIVE DATE OF SEPTEMBER 10, 2010 OR EARLIER EXCEPT FOR ETHYL BENZENE (CAS NO. 100-41-4).

12. THE TOTAL QUANTITY OF ETHYL BENZENE EMISSIONS FROM THIS EQUIPMENT SHALL NOT EXCEED 263 POUNDS PER CALENDAR YEAR.

13. THE OPERATOR SHALL COMPLY WITH RULE 109 (RECORDKEEPING FOR VOLATILE ORGANIC COMPOUND EMISSIONS).

14. IN ADDITION TO THE RECORD KEEPING REQUIREMENTS OF RULE 109, THE OPERATOR SHALL KEEP ADEQUATE RECORDS FOR THIS EQUIPMENT AND FACILITY TO VERIFY THE CALENDAR MONTHLY VOC EMISSIONS IN POUNDS AND THE VOC CONTENT OF EACH MATERIAL AS APPLIED (INCLUDING WATER AND EXEMPT COMPOUNDS). IN ADDITION, MONTHLY AND YEARLY RECORDS SHALL BE KEPT TO VERIFY COMPLIANCE WITH CONDITION NO. 12. THESE RECORDS SHALL BE PREPARED IN A FORMAT WHICH IS ACCEPTABLE TO THE DISTRICT.

15. WITHIN 14 CALENDAR DAYS AFTER THE END OF EACH MONTH, THE OPERATOR SHALL TOTAL AND RECORD VOC EMISSIONS FOR THE MONTH FOR ALL EQUIPMENT COVERED BY THE MONTHLY LIMITS. THE RECORD SHALL INCLUDE ANY PROCEDURES USED TO ACCOUNT FOR CONTROL DEVICE EFFICIENCIES AND/OR WASTE DISPOSAL. IT SHALL BE SIGNED AND CERTIFIED FOR ACCURACY BY THE HIGHEST RANKING INDIVIDUAL RESPONSIBLE FOR COMPLIANCE WITH DISTRICT RULES.

16. THE OPERATOR SHALL MAINTAIN A SINGLE LIST WHICH INCLUDES ONLY THE NAME AND ADDRESS OF EACH PERSON FROM WHOM THE FACILITY ACQUIRED VOC-CONTAINING MATERIAL REGULATED BY THE DISTRICT THAT WAS USED OR STORED AT THE FACILITY DURING THE PRECEDING 12 MONTHS.

17. THE OPERATOR SHALL RETAIN ALL PURCHASE INVOICES FOR ALL VOC-CONTAINING MATERIAL USED OR STORED AT THE FACILITY, AND ALL WASTE MANIFESTS FOR ALL WASTE VOC-CONTAINING MATERIAL REMOVED FROM THE FACILITY FOR 24 MONTHS.

18. ALL RECORDS REQUIRED BY THIS PERMIT SHALL BE RETAINED AT THE FACILITY FOR 24 MONTHS, AND SHALL BE MADE AVAILABLE TO ANY DISTRICT REPRESENTATIVE UPON REQUEST.

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NOTICE

IN ACCORDANCE WITH RULE 206, THIS PERMIT TO OPERATE OR COPY SHALL BE POSTED ON OR WITHIN 8 METERS OF THE EQUIPMENT.

THIS PERMIT DOES NOT AUTHORIZE THE EMISSION OF AIR CONTAMINANTS IN EXCESS OF THOSE ALLOWED BY DIVISION 26 OF THE HEALTH AND SAFETY CODE OF THE STATE OF CALIFORNIA OR THE RULES OF THE AIR QUALITY MANAGEMENT DISTRICT. THIS PERMIT CANNOT BE CONSIDERED AS PERMISSION TO VIOLATE EXISTING LAWS, ORDINANCES, REGULATIONS OR STATUTES OF OTHER GOVERNMENT AGENCIES.

EXECUTIVE OFFICER

Dorris M. Bailey

By Dorris M.Bailey/EQ01
8/14/2012

FILE COPY

SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT
21865 Copley Drive, Diamond Bar, CA 91765

PERMIT TO OPERATE

Permit No.
G21426
A/N 500637

This initial permit must be renewed ANNUALLY unless the equipment is moved, or changes ownership.
If the billing for annual renewal fee (Rule 301.f) is not received by the expiration date, contact the District.

Granted as of 11/13/2012

ID 18989

LEGAL OWNER
OR OPERATOR: BOWMAN PLATING CO INC
2631 E 126TH STREET
COMPTON, CA 90222

Equipment Location: 2631 E 126TH STREET, COMPTON, CA 90222

Equipment Description:

CHROMIC ACID ANODIZING LINE CONSISTING OF:

1. TANK NO. 301, CHROMIC ACID ANODIZING, CHROMIC ACID, STEAM HEATED, AIR SPARGED, RECTIFIED, WITH A TWO-PIECE SEMICIRCULAR FUME HOOD, VENTED TO AIR POLLUTION CONTROL EQUIPMENT.

2. TANK NO. 303, CLEAR ANODIZING, SULFURIC ACID, AIR SPARGED, WITH ONE 6,000 AMPERE-HR RECTIFIER.

3. TANK NO. 310, SEAL, SODIUM DICHROMIC, STEAM HEATED.

4. TANK NO. 312, CHEM FILM, CHROMIC ACID.

5. TANK NO. 313, SEAL, NICKEL ACETATE, STEAM HEATED.

6. TANK NO. 314, SEAL, SODIUM DICHROMIC, STEAM HEATED.

7. TANK NO. 601, HARD ANODIZING, SULFURIC ACID, AIR SPARGED, WITH ONE 2,400 AMPERE-HR RECTIFIER.

8. TANK NO. 601A, HARD ANODIZING, SULFURIC ACID, AIR SPARGED, WITH ONE 2,400 AMPERE-HR RECTIFIER.

9. ASSOCIATED RINSE TANKS.

Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN COMPLIANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.

2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.

FILE

CONTINUATION OF PERMIT TO OPERATE

3. TANK NO. 301 SHALL NOT BE OPERATED UNLESS THE TWO-PIECE SEMICIRCULAR FUME HOOD IS CLOSED AND THE TANK IS VENTED TO AN AIR POLLUTION CONTROL EQUIPMENT WHICH IS IN FULL USE AND HAS BEEN ISSUED A PERMIT TO OPERATE BY THE EXECUTIVE OFFICER.

4. THE HEXAVALENT CHROMIUM EMISSIONS DISCHARGED TO THE ATMOSPHERE FROM THE ANODIZING TANK NO. 301 SHALL NOT EXCEED 0.0015 MILLIGRAM PER AMP-HR AFTER CONTROL.

5. THE SURFACE TENSION OF THE ANODIZING SOLUTION IN CHROMIC ACID ANODIZING TANK NO. 301 SHALL NOT EXCEED 26 DYNES PER CENTIMETER MEASURED USING A PROPERLY MAINTAINED AND CALIBRATED STALAGMOMETER.

6. THE OWNER/OPERATOR SHALL INSPECT AND MAINTAIN THE STALAGMOMETER IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS.

7. THE CHROMIC ACID ANODIZING TANK NO. 301 SHALL BE EQUIPPED WITH A CONTINUOUS RECORDING, NON-RESETTABLE, AMPERE-HOUR METER THAT OPERATES ON THE ELECTRICAL LINE AND MEASURES THE AMOUNT OF ELECTRICAL CURRENT APPLIED TO THE TANK. THE METER SHALL BE MOUNTED IN A LOCATION SUCH THAT IT IS EASILY ACCESSIBLE FOR MAINTENANCE AND THE TOTALIZING DISPLAY IS EASILY READABLE.

8. AN IDENTIFICATION TAG OR LABEL SHALL BE AFFIXED TO THE RECTIFIER IN A PERMANENT AND CONSPICUOUS POSITION. THE IDENTIFICATION MARKER SHALL BE MAINTAINED IN LEGIBLE CONDITION AND CONTAIN THE FOLLOWING INFORMATION:

   A. RECTIFIER IDENTIFICATION NUMBER

   B. MAXIMUM RECTIFIER AMPERAGE

   C. IDENTIFICATION NUMBER(S) OF TANK(S) OPERATED BY THE RECTIFIER

9. THE OWNER/OPERATOR SHALL INSPECT AND MAINTAIN THE AMPERE-HOUR METER ACCORDING TO THE MANUFACTURER'S RECOMMENDATIONS.

10. ALL THE TANKS SHALL BE CLEARLY IDENTIFIED AND LABELED WITH APPROPRIATE TANK NUMBERS AS DESIGNATED IN THE PERMIT DESCRIPTION. THE IDENTIFICATION AND/OR LABELING OF EACH TANK SHALL BE DIRECTLY AFFIXED TO THE TANK AND SHALL BE READILY READABLE.

11. TANKS IN THIS LINE SHALL ONLY CONTAIN THE CHEMICALS AND COMPOUNDS SPECIFICALLY IDENTIFIED IN THE EQUIPMENT DESCRIPTION OF THIS PERMIT.

12. AIR SPARGING, RECTIFICATION AND/OR HEATING SHALL NOT BE CONDUCTED EXCEPT IN TANKS WHERE THESE OPERATIONS ARE SPECIFICALLY IDENTIFIED IN THE EQUIPMENT DESCRIPTION. REMOVAL OF SUCH DEVICES FROM THESE TANKS DOES NOT CONSTITUTE A MODIFICATION FOR PERMITTING PURPOSES.

CONTINUATION OF PERMIT TO OPERATE

13. THE AIR SPARGING FLOWRATE TO THE TANKS THAT ARE AIR SPARGED SHALL NOT EXCEED 20 CFM.

14. THE OPEN PROCESS TANKS IN THIS LINE SHALL BE OPERATED AT OR BELOW THE PARAMETER LIMITS IN THE FOLLOWING TABLE:

TANK NO.	CHEMICAL	MAXIMUM CHEMICAL CONCENTRATION (WT PERCENT)	MAXIMUM AMPERE-HOURS	MAXIMUM OPERATING TEMPERATURE (DEGREES F)
301	CHROMIC ACID	8	1,500,000 PER CALENDAR YEAR	HEATED
303	SULFURIC ACID	31	-	-
601		32		
601A		32		

FOR THE PURPOSE OF THIS CONDITION, CONCENTRATION MEANS ANHYDROUS CONCENTRATION (NOT INCLUDING WATER OR WATER OF HYDRATION).

15. MATERIAL SAFETY DATA SHEETS FOR ALL MATERIALS USED AT THIS FACILITY AND SUBJECT TO DISTRICT RULES SHALL BE KEPT CURRENT AND BE MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST.

16. A LOG TO RECORD THE OPERATION OF THIS EQUIPMENT SHALL BE KEPT ON FILE FOR A MINIMUM OF FIVE YEARS. THE PAST TWO YEARS' RECORDS SHALL BE KEPT ON SITE AND SHALL BE MADE AVAILABLE UPON REQUEST OF DISTRICT PERSONNEL. THIS LOG SHALL CONTAIN, AT A MINIMUM, THE FOLLOWING INFORMATION:

    A. THE RECORDS REQUIRED BY THE CONDITIONS IN THIS PERMIT.

    B. AT LEAST ONCE PER MONTH, THE TOTAL AMPERE-HOURS APPLIED TO TANK NO. 301 WITH ANNUAL AMPERE-HOUR LIMIT SPECIFIED IN CONDITION NO. 14 AND THE CUMULATIVE TOTAL AMPERE-HOURS APPLIED TO THE TANK TO DATE FOR THE CURRENT CALENDAR YEAR.

    C. AT LEAST ONCE PER MONTH, THE CONCENTRATION, IN PERCENT BY WEIGHT, OF CHROMIC ACID IN TANK NO. 301 AND SULFURIC ACID IN TANK NOS. 303, 601 AND 601A. THE CONCENTRATION OF CHROMIC ACID AND SULFURIC ACID SHALL BE DETERMINED BY QUANTITATIVE CHEMICAL ANALYSES.

    D. THE CONCENTRATION OF EACH CHEMICAL IN EACH TANK AT THE TIME THE TANK SOLUTION IS REPLACED.

CONTINUATION OF PERMIT TO OPERATE

17. THE OWNER/OPERATOR SHALL COMPLY WITH THE APPLICABLE SECTIONS OF RULES 1426 AND 1469.

18. THE OWNER/OPERATOR SHALL REPORT BREAKDOWNS AS REQUIRED BY DISTRICT RULE 430. THE OWNER/OPERATOR SHALL MAINTAIN RECORDS OF THE OCCURRENCE, DURATION, CAUSE (IF KNOWN), AND ACTION TAKEN ON EACH BREAKDOWN.

IN ACCORDANCE WITH RULE 206, THIS PERMIT TO OPERATE OR COPY SHALL BE POSTED ON OR WITHIN 8 METERS OF THE EQUIPMENT.

THIS PERMIT DOES NOT AUTHORIZE THE EMISSION OF AIR CONTAMINANTS IN EXCESS OF THOSE ALLOWED BY DIVISION 26 OF THE HEALTH AND SAFETY CODE OF THE STATE OF CALIFORNIA OR THE RULES OF THE AIR QUALITY MANAGEMENT DISTRICT. THIS PERMIT CANNOT BE CONSIDERED AS PERMISSION TO VIOLATE EXISTING LAWS, ORDINANCES, REGULATIONS OR STATUTES OF OTHER GOVERNMENT AGENCIES.

Dorris M. Bailey

By _____
DORRIS M. BAILEY
Principal Office Assistant

DBM/EQ01

FILE

SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT
21865 Copley Drive, Diamond Bar, CA 91765

PERMIT TO OPERATE

Permit No.
G21425
A/N 499610

This initial permit must be renewed ANNUALLY unless the equipment is moved, or changes ownership.
If the billing for the annual renewal fee (Rule 301.f) is not received by the expiration date, contact the District.

ID 18989

Legal Owner
or Operator: BOWMAN PLATING CO INC
2631 E 126TH ST
COMPTON, CA 90222

Equipment Location: 2631 E 126TH ST, COMPTON, CA 90222-1599

Equipment Description :

AIR POLLUTION CONTROL EQUIPMENT CONSISTING OF:

1. CHEVRON MIST ELIMINATOR, 18" X 18" X 8".
2. TWO-STAGE COMPOSITE MESH PAD MIST ELIMINATOR, EACH STAGE WITH ONE 36" W. X 36" L. X 4" MESH PAD, AND A WASHDOWN SYSTEM.
3. HEPA FILTRATION SYSTEM, WITH TWO 24" X 24" X 1" PRE-FILTERS AND TWO 24" X 24" X 12" HEPA FILTERS.
4. EXHAUST SYSTEM WITH ONE 5 H.P. EXHAUST FAN VENTING CHROMIC ACID ANODIZING TANK NO. 301.

Conditions :

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.
2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
3. THIS EQUIPMENT SHALL BE IN FULL USE WHEN THE EQUIPMENT IT SERVES IS IN OPERATION.
4. THE EXHAUST STACK OF THIS EQUIPMENT SHALL DISCHARGE IN AN UPWARD DIRECTION, WITH NO WEATHER CAP, AND THE HEIGHT OF THE EXHAUST OUTLET SHALL NOT BE LESS THAN 25 FEET ABOVE GROUND LEVEL.
5. THE HEPA FILTERS USED IN THIS EQUIPMENT SHALL BE INDIVIDUALLY DOP (OR EQUIVALENT) TESTED WITH 0.3 MICRON PARTICLES AND CERTIFIED TO HAVE AN EFFICIENCY OF NOT LESS THAN 99.99%.
6. MECHANICAL GAUGES SHALL BE INSTALLED AND MAINTAINED TO INDICATE, IN INCHES OF WATER COLUMN, THE STATIC PRESSURE DIFFERENTIAL ACROSS EACH OF THE FOLLOWING:

FILE COPY

PERMIT TO OPERATE

A. EACH STAGE OF THE COMPOSITE MESH PAD MIST ELIMINATOR

B. THE HEPA FILTERS

THE SCALE ON THE GAUGES SHALL NOT EXCEED TWO TIMES THE LIMIT SPECIFIED IN CONDITION NO. 7.

7. IN OPERATION, THE PRESSURE DIFFERENTIAL SHALL REMAIN WITHIN THE FOLLOWING RANGES:
   A. 0.05 TO 1.10 INCHES OF WATER COLUMN ACROSS THE 1ST STAGE OF THE COMPOSITE MESH PAD MIST ELIMINATOR.

   B. 0.08 TO 1.15 INCHES OF WATER COLUMN ACROSS THE 2ND STAGE OF THE COMPOSITE MESH PAD MIST ELIMINATOR.

   C. 0.35 TO 1.40 INCHES OF WATER COLUMN ACROSS THE HEPA FILTERS.

8. THE GAUGES SHALL BE LOCATED SO THAT THEY CAN BE EASILY VIEWED AND ARE IN CLEAR SIGHT OF THE OPERATION OR MAINTENANCE PERSONNEL.

9. THE SPECIFIC OPERATION AND MAINTENANCE ACTIVITIES IDENTIFIED IN THE OPERATION AND MAINTENANCE PLAN SHALL BE INSTITUTED IF THE STATIC PRESSURE DIFFERENTIAL ACROSS EACH STAGE OF THE MESH PAD ELIMINATOR EXCEEDS 1.0 INCH OF WATER COLUMN AND 1.25 INCHES OF WATER COLUMN ACROSS THE HEPA FILTERS.

10. THE OWNER/OPERATOR SHALL MAINTAIN A WEEKLY RECORD OF THE STATIC PRESSURE DIFFERENTIAL TO VERIFY COMPLIANCE WITH CONDITION NO. 7.

11. THE OWNER/OPERATOR SHALL COMPLY WITH THE INSPECTION AND MAINTENANCE REQUIREMENTS LISTED BELOW:

   A. QUARTERLY VISUAL INSPECTION OF THE EQUIPMENT TO ENSURE THERE IS PROPER DRAINAGE, NO UNUSUAL CHROMIC ACID BUILDUP ON THE MESH PADS, AND NO EVIDENCE OF CHEMICAL ATTACK THAT AFFECTS THE STRUCTURAL INTEGRITY OF THIS EQUIPMENT

   B. QUARTERLY VISUAL INSPECTION OF THE HEPA FILTERS TO ENSURE THERE IS NO BREAKTHROUGH OF CHROMIC ACID MIST

   C. QUARTERLY VISUAL INSPECTION OF THE DUCTWORK FROM THE CHROMIC ACID ANODIZING TANK TO THE CONTROL DEVICE TO ENSURE THERE ARE NO LEAKS

   D. REPAIR ANY LEAKS DETECTED BEFORE ANY FURTHER OPERATION OF THE EQUIPMENT

E. PERFORM WASHDOWN OF THE COMPOSITE MESH PADS IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS

F. REPLACE THE HEPA FILTERS WHEN NECESSARY

12. THE OWNER/OPERATOR SHALL MAINTAIN INSPECTION AND MAINTENANCE RECORDS FOR THE MESH PADS AND THE HEPA FILTERS AND THE MONITORING EQUIPMENT ACCORDING TO THE MANUFACTURER'S RECOMMENDATIONS TO DOCUMENT COMPLIANCE WITH THE INSPECTION AND MAINTENANCE REQUIREMENTS OF THIS PERMIT. THE RECORD SHALL IDENTIFY:

A. THE DEVICE INSPECTED

B. THE DATE AND TIME OF INSPECTION

C. THE WORKING CONDITION OF THE DEVICE DURING THE INSPECTION

D. ANY MAINTENANCE ACTIVITIES PERFORMED ON THE MESH PADS AND THE HEPA FILTERS OR THE PARAMETER MONITORING SYSTEM

E. ANY ACTIONS TAKEN TO CORRECT DEFICIENCIES FOUND DURING THE INSPECTION

ALSO IT SHALL BE RECORDED IN THIS LOG EACH TIME A TANK SOLUTION IS REPLACED.

13. ALL RECORDS REQUIRED BY THIS PERMIT SHALL BE RETAINED ON FILE FOR FIVE YEARS, WITH THE MOST RECENT TWO YEARS' KEPT ON SITE. ALL RECORDS SHALL BE MADE AVAILABLE TO ANY DISTRICT REPRESENTATIVE UPON REQUEST.

14. THE OWNER/OPERATOR SHALL COMPLY WITH THE APPLICABLE SECTIONS OF RULES 1426 AND 1469.

15. THE OWNER/OPERATOR SHALL REPORT BREAKDOWNS AS REQUIRED BY DISTRICT RULE 430, AND SHALL MAINTAIN RECORDS OF THE OCCURRENCE, DURATION, CAUSES (IF KNOWN), AND ACTION TAKEN ON EACH BREAKDOWN.

PERMIT TO OPERATE

NOTICE

IN ACCORDANCE WITH RULE 206, THIS PERMIT TO OPERATE OR COPY SHALL BE POSTED ON OR WITHIN 8 METERS OF THE EQUIPMENT.

THIS PERMIT DOES NOT AUTHORIZE THE EMISSION OF AIR CONTAMINANTS IN EXCESS OF THOSE ALLOWED BY DIVISION 26 OF THE HEALTH AND SAFETY CODE OF THE STATE OF CALIFORNIA OR THE RULES OF THE AIR QUALITY MANAGEMENT DISTRICT. THIS PERMIT CANNOT BE CONSIDERED AS PERMISSION TO VIOLATE EXISTING LAWS, ORDINANCES, REGULATIONS OR STATUTES OF OTHER GOVERNMENT AGENCIES.

EXECUTIVE OFFICER

By Dorris M.Bailey/EQ01
11/13/2012

FILE COPY

SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT
21865 Copley Drive, Diamond Bar, CA 91765

Permit No.
F98451
A/N 476179

PERMIT TO OPERATE

This initial permit must be renewed ANNUALLY unless the equipment is moved, or changes ownership.
If the billing for the annual renewal fee (Rule 301.f) is not received by the expiration date, contact the District.

ID 18989

Legal Owner
or Operator: BOWMAN PLATING CO INC
2631 E 126TH ST
COMPTON, CA 90222

Equipment Location: 2631 E 126TH ST, COMPTON, CA 90222-1599

Equipment Description :

OVEN, BLEEKERS, MODEL NO. OBC-7-7-20, 8'-0" W. X 25'-0" L. X 8'-0" H., WITH ONE 1,000,000 BTU/HOUR ECLIPSE WINNOX, MODEL WX100 LOW NOX NATURAL GAS- FIRED BURNER, ONE 15 H.P. CIRCULATING FAN, AND ONE 1/4 H.P. EXHAUST FAN.

Conditions :

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.

2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.

3. THE OXIDES OF NITROGEN (NOX) EMISSIONS DISCHARGED FROM THIS EQUIPMENT SHALL NOT EXCEED 30 PPM, CALCULATED AS NO2 BY VOLUME ON A DRY BASIS @ 3% OXYGEN, AVERAGED OVER 30 CONSECUTIVE MINUTES.

4. THIS EQUIPMENT SHALL BE OPERATED IN COMPLIANCE WITH RULES 1107 AND 1124.

5. THE TOTAL QUANTITY OF VOC EMISSIONS FROM THIS FACILITY SHALL NOT EXCEED 1,350 POUNDS IN ANY ONE CALENDAR MONTH.

6. MATERIAL SAFETY DATA SHEETS FOR ALL MATERIALS USED AT THIS FACILITY AND SUBJECT TO DISTRICT RULES SHALL BE KEPT CURRENT AND BE MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST.

7. THE OPERATOR SHALL COMPLY WITH RULE 109 (RECORDKEEPING FOR VOLATILE ORGANIC COMPOUND EMISSIONS).

8. IN ADDITION TO THE RECORD KEEPING REQUIREMENTS OF RULE 109, THE OPERATOR SHALL KEEP ADEQUATE RECORDS FOR THIS FACILITY TO VERIFY THE CALENDAR MONTHLY VOC EMISSIONS IN POUNDS AND THE VOC CONTENT OF EACH MATERIAL AS APPLIED (INCLUDING WATER AND EXEMPT COMPOUNDS). THESE RECORDS SHALL BE PREPARED IN A FORMAT WHICH IS ACCEPTABLE TO THE DISTRICT.

FILE COPY

9. WITHIN 14 CALENDAR DAYS AFTER THE END OF EACH MONTH, THE OPERATOR SHALL TOTAL AND RECORD VOC EMISSIONS FOR THE MONTH FOR ALL EQUIPMENT COVERED BY THE MONTHLY LIMITS. THE RECORD SHALL INCLUDE ANY PROCEDURES USED TO ACCOUNT FOR CONTROL DEVICE EFFICIENCIES AND/OR WASTE DISPOSAL. IT SHALL BE SIGNED AND CERTIFIED FOR ACCURACY BY THE HIGHEST RANKING INDIVIDUAL RESPONSIBLE FOR COMPLIANCE WITH DISTRICT RULES.

10. THE OPERATOR SHALL MAINTAIN A SINGLE LIST WHICH INCLUDES ONLY THE NAME AND ADDRESS OF EACH PERSON FROM WHOM THE FACILITY ACQUIRED VOC-CONTAINING MATERIAL REGULATED BY THE DISTRICT THAT WAS USED OR STORED AT THE FACILITY DURING THE PRECEDING 12 MONTHS.

11. THE OPERATOR SHALL RETAIN ALL PURCHASE INVOICES FOR ALL VOC-CONTAINING MATERIAL USED OR STORED AT THE FACILITY, AND ALL WASTE MANIFESTS FOR ALL WASTE VOC-CONTAINING MATERIAL REMOVED FROM THE FACILITY FOR 24 MONTHS.

12. ALL RECORDS REQUIRED BY THIS PERMIT SHALL BE RETAINED AT THE FACILITY FOR 24 MONTHS, AND SHALL BE MADE AVAILABLE TO ANY DISTRICT REPRESENTATIVE UPON REQUEST.

13. MATERIALS PROCESSED IN THIS EQUIPMENT SHALL NOT CONTAIN ANY TOXIC AIR CONTAMINANTS IDENTIFIED IN RULE 1401, TABLE I, WITH AN EFFECTIVE DATE OF MARCH 4, 2005 OR EARLIER EXEMPT FOR HEXAVALENT CHROMIUM (CAS NO. 18540-29-9) AS STRONTIUM CHROMATE (CAS NO. 7889-06-2) AND COPPER.

PERMIT TO OPERATE

NOTICE

IN ACCORDANCE WITH RULE 206, THIS PERMIT TO OPERATE OR COPY SHALL BE POSTED ON OR WITHIN 8 METERS OF THE EQUIPMENT.

THIS PERMIT DOES NOT AUTHORIZE THE EMISSION OF AIR CONTAMINANTS IN EXCESS OF THOSE ALLOWED BY DIVISION 26 OF THE HEALTH AND SAFETY CODE OF THE STATE OF CALIFORNIA OR THE RULES OF THE AIR QUALITY MANAGEMENT DISTRICT. THIS PERMIT CANNOT BE CONSIDERED AS PERMISSION TO VIOLATE EXISTING LAWS, ORDINANCES, REGULATIONS OR STATUTES OF OTHER GOVERNMENT AGENCIES.

EXECUTIVE OFFICER

By Dorris M.Bailey/EQ01
8/13/2008

FILE COPY

SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT
21865 Copley Drive, Diamond Bar, CA 91765

Permit No.
F98450
A/N 476178

PERMIT TO OPERATE

This initial permit must be renewed ANNUALLY unless the equipment is moved, or changes ownership.
If the billing for the annual renewal fee (Rule 301.f) is not received by the expiration date, contact the District.

ID 18989

Legal Owner
or Operator: BOWMAN PLATING CO INC
2631 E 126TH ST
COMPTON, CA 90222

Equipment Location: 2631 E 126TH ST, COMPTON, CA 90222-1599

Equipment Description :

OVEN, 8'-0" W. X 20'-0" L. X 7'-0" H., WITH ONE 300,000 BTU/HOUR NATURAL GAS-FIRED BURNER, ONE 5 H.P. CIRCULATING FAN, AND ONE 1/3 H.P. EXHAUST FAN.

Conditions :

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.

2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.

3. THIS EQUIPMENT SHALL BE OPERATED IN COMPLIANCE WITH RULES 1107 AND 1124.

4. THE TOTAL QUANTITY OF VOC EMISSIONS FROM THIS FACILITY SHALL NOT EXCEED 1,350 POUNDS IN ANY ONE CALENDAR MONTH.

5. MATERIAL SAFETY DATA SHEETS FOR ALL MATERIALS USED AT THIS FACILITY AND SUBJECT TO DISTRICT RULES SHALL BE KEPT CURRENT AND BE MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST.

6. THE OPERATOR SHALL COMPLY WITH RULE 109 (RECORDKEEPING FOR VOLATILE ORGANIC COMPOUND EMISSIONS).

7. IN ADDITION TO THE RECORD KEEPING REQUIREMENTS OF RULE 109, THE OPERATOR SHALL KEEP ADEQUATE RECORDS FOR THIS FACILITY TO VERIFY THE CALENDAR MONTHLY VOC EMISSIONS IN POUNDS AND THE VOC CONTENT OF EACH MATERIAL AS APPLIED (INCLUDING WATER AND EXEMPT COMPOUNDS). THESE RECORDS SHALL BE PREPARED IN A FORMAT WHICH IS ACCEPTABLE TO THE DISTRICT.

FILE COPY

8. WITHIN 14 CALENDAR DAYS AFTER THE END OF EACH MONTH, THE OPERATOR SHALL TOTAL AND RECORD VOC EMISSIONS FOR THE MONTH FOR ALL EQUIPMENT COVERED BY THE MONTHLY LIMITS. THE RECORD SHALL INCLUDE ANY PROCEDURES USED TO ACCOUNT FOR CONTROL DEVICE EFFICIENCIES AND/OR WASTE DISPOSAL. IT SHALL BE SIGNED AND CERTIFIED FOR ACCURACY BY THE HIGHEST RANKING INDIVIDUAL RESPONSIBLE FOR COMPLIANCE WITH DISTRICT RULES.

9. THE OPERATOR SHALL MAINTAIN A SINGLE LIST WHICH INCLUDES ONLY THE NAME AND ADDRESS OF EACH PERSON FROM WHOM THE FACILITY ACQUIRED VOC-CONTAINING MATERIAL REGULATED BY THE DISTRICT THAT WAS USED OR STORED AT THE FACILITY DURING THE PRECEDING 12 MONTHS.

10. THE OPERATOR SHALL RETAIN ALL PURCHASE INVOICES FOR ALL VOC-CONTAINING MATERIAL USED OR STORED AT THE FACILITY, AND ALL WASTE MANIFESTS FOR ALL WASTE VOC-CONTAINING MATERIAL REMOVED FROM THE FACILITY FOR 24 MONTHS.

11. ALL RECORDS REQUIRED BY THIS PERMIT SHALL BE RETAINED AT THE FACILITY FOR 24 MONTHS, AND SHALL BE MADE AVAILABLE TO ANY DISTRICT REPRESENTATIVE UPON REQUEST.

12. MATERIALS PROCESSED IN THIS EQUIPMENT SHALL NOT CONTAIN ANY TOXIC AIR CONTAMINANTS IDENTIFIED IN RULE 1401, TABLE I, WITH AN EFFECTIVE DATE OF MARCH 4, 2005 OR EARLIER EXEMPT FOR HEXAVALENT CHROMIUM (CAS NO. 18540-29-9) AS STRONTIUM CHROMATE (CAS NO. 7889-06-2) AND COPPER.

PERMIT TO OPERATE

NOTICE

IN ACCORDANCE WITH RULE 206, THIS PERMIT TO OPERATE OR COPY SHALL BE POSTED ON OR WITHIN 8 METERS OF THE EQUIPMENT.

THIS PERMIT DOES NOT AUTHORIZE THE EMISSION OF AIR CONTAMINANTS IN EXCESS OF THOSE ALLOWED BY DIVISION 26 OF THE HEALTH AND SAFETY CODE OF THE STATE OF CALIFORNIA OR THE RULES OF THE AIR QUALITY MANAGEMENT DISTRICT. THIS PERMIT CANNOT BE CONSIDERED AS PERMISSION TO VIOLATE EXISTING LAWS, ORDINANCES, REGULATIONS OR STATUTES OF OTHER GOVERNMENT AGENCIES.

EXECUTIVE OFFICER

Dorris M. Bailey

By Dorris M.Bailey/EQ01
8/13/2008

FILE COPY

SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT
21865 Copley Drive, Diamond Bar, CA 91765

PERMIT TO OPERATE

Permit No
F95564
A/N 451427

This initial permit must be renewed ANNUALLY unless the equipment is moved, or changes ownership
If the billing for the annual renewal fee (Rule 301 f) is not received by the expiration date, contact the District

ID 18989

Legal Owner
or Operator

BOWMAN PLATING CO INC
2631 E 126TH ST
COMPTON, CA 90222

Equipment Location: 2631 E 126TH ST, COMPTON, CA 90222-1599

Equipment Description :

SPRAY BOOTH NO 4, FLOOR TYPE, 30'-0" W X 15'-0" L X 8'-0" H , WITH EXHAUST FILTERS CONSISTING OF FORTY 20" X 20" PRE-FILTERS, FORTY 20" X 20" POCKET-TYPE FILTERS, AND TEN 24" X 24" HEPA FILTERS, AND ONE 15 H P EXHAUST FAN

Conditions :

1 OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW

2 THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES

3 THIS SPRAY BOOTH SHALL NOT BE OPERATED UNLESS ALL EXHAUST AIR PASSES THROUGH THE PRE-FILTERS, POCKET-TYPE FILTERS, AND HEPA FILTERS

4 GAUGES SHALL BE INSTALLED AND MAINTAINED TO INDICATE, IN INCHES OF WATER, THE STATIC PRESSURE DIFFERENTIAL ACROSS THE EXHAUST FILTERS IN OPERATION, THE PRESSURE DIFFERENTIAL ACROSS THE PRE-FILTERS AND THE POCKET-TYPE FILTERS SHALL NOT EXCEED 1 INCH OF WATER, AND THE PRESSURE DIFFERENTIAL ACROSS THE HEPA FILTERS SHALL NOT EXCEED 2 0 INCHES OF WATER

5 THE HEPA FILTERS USED IN THIS EQUIPMENT SHALL BE INDIVIDUALLY DOP (OR EQUIVALENT) TESTED WITH 0 3 MICRON PARTICLES AND CERTIFIED TO HAVE AN EFFICIENCY OF NOT LESS THAN 99 97%

6 THIS EQUIPMENT SHALL BE OPERATED IN COMPLIANCE WITH RULES 1107, 1124, 1171, AND 1469 1

7 THE TOTAL QUANTITY OF VOLATILE ORGANIC COMPOUND (VOC) EMISSIONS FROM THIS EQUIPMENT SHALL NOT EXCEED 30 POUNDS IN ANY ONE DAY

8 THE TOTAL QUANTITY OF VOC EMISSIONS FROM THIS FACILITY SHALL NOT EXCEED 1,350 POUNDS IN ANY ONE CALENDAR MONTH

FILE COPY

9 MATERIAL SAFETY DATA SHEETS FOR ALL MATERIALS USED AT THIS FACILITY SHALL BE KEPT CURRENT AND BE MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST

10 MATERIALS USED IN THIS EQUIPMENT SHALL NOT CONTAIN ANY TOXIC AIR CONTAMINANTS IDENTIFIED IN RULE 1401, TABLE I WITH AN EFFECTIVE DATE OF MARCH 4, 2005 OR EARLIER EXEMPT FOR HEXAVALENT CHROMIUM (CAS NO 18540-29-9) AS STRONTIUM CHROMATE (CAS NO 7889-06-2)

11 THE TOTAL QUANTITY OF HEXAVALENT CHROMIUM EMISSION FROM THIS EQUIPMENT SHALL NOT EXCEED 0 23 POUND PER CALENDAR YEAR

12 THE OPERATOR SHALL COMPLY WITH RULE 109 (RECORDKEEPING FOR VOLATILE ORGANIC COMPOUND EMISSIONS)

13 IN ADDITION TO THE RECORD KEEPING REQUIREMENTS OF RULE 109, THE OPERATOR SHALL KEEP ADEQUATE RECORDS FOR THIS FACILITY AND THIS EQUIPMENT TO VERIFY THE CALENDAR MONTHLY VOC EMISSIONS IN POUNDS AND THE VOC CONTENT OF EACH MATERIAL AS APPLIED (INCLUDING WATER AND EXEMPT COMPOUNDS) IN ADDITION, MONTHLY AND YEARLY RECORDS SHALL BE KEPT TO VERIFY COMPLIANCE WITH CONDITION NO 11 THESE RECORDS SHALL BE PREPARED IN A FORMAT WHICH IS ACCEPTABLE TO THE DISTRICT

14 WITHIN 14 CALENDAR DAYS AFTER THE END OF EACH MONTH, THE OPERATOR SHALL TOTAL AND RECORD VOC EMISSIONS FOR THE MONTH FOR ALL EQUIPMENT COVERED BY THE MONTHLY LIMITS THE RECORD SHALL INCLUDE ANY PROCEDURES USED TO ACCOUNT FOR CONTROL DEVICE EFFICIENCIES AND/OR WASTE DISPOSAL IT SHALL BE SIGNED AND CERTIFIED FOR ACCURACY BY THE HIGHEST RANKING INDIVIDUAL RESPONSIBLE FOR COMPLIANCE WITH DISTRICT RULES

15 THE OPERATOR SHALL MAINTAIN A SINGLE LIST WHICH INCLUDES ONLY THE NAME AND ADDRESS OF EACH PERSON FROM WHOM THE FACILITY ACQUIRED VOC-CONTAINING MATERIAL REGULATED BY THE DISTRICT THAT WAS USED OR STORED AT THE FACILITY DURING THE PRECEDING 12 MONTHS

16 THE OPERATOR SHALL RETAIN ALL PURCHASE INVOICES FOR ALL VOC-CONTAINING MATERIAL USED OR STORED AT THE FACILITY, AND ALL WASTE MANIFESTS FOR ALL WASTE VOC-CONTAINING MATERIAL REMOVED FROM THE FACILITY FOR 24 MONTHS

17 ALL RECORDS REQUIRED BY THIS PERMIT SHALL BE RETAINED AT THE FACILITY FOR 24 MONTHS, AND SHALL BE MADE AVAILABLE TO ANY DISTRICT REPRESENTATIVE UPON REQUEST

NOTICE

IN ACCORDANCE WITH RULE 206, THIS PERMIT TO OPERATE OR COPY SHALL BE POSTED ON OR WITHIN 8 METERS OF THE EQUIPMENT

THIS PERMIT DOES NOT AUTHORIZE THE EMISSION OF AIR CONTAMINANTS IN EXCESS OF THOSE ALLOWED BY DIVISION 26 OF THE HEALTH AND SAFETY CODE OF THE STATE OF CALIFORNIA OR THE RULES OF THE AIR QUALITY MANAGEMENT DISTRICT THIS PERMIT CANNOT BE CONSIDERED AS PERMISSION TO VIOLATE EXISTING LAWS, ORDINANCES, REGULATIONS OR STATUTES OF OTHER GOVERNMENT AGENCIES

EXECUTIVE OFFICER

Dorris M Bailey

By Dorris M Bailey/EQ01
2/26/2008

FILE COPY

SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT
21865 Copley Drive, Diamond Bar, CA 91765

Permit No
F95186
A/N 476793

PERMIT TO CONSTRUCT/OPERATE

This initial permit must be renewed ANNUALLY unless the equipment is moved, or changes ownership.
If the billing for the annual renewal fee (Rule 301.f) is not received by the expiration date, contact the District.

ID 154010

Legal Owner
or Operator

RESEDA INTERNATIONAL COLLISION CENTER
6659 RESEDA BLVD
RESEDA, CA 91335

Equipment Location: 18418 VANOWEN ST, RESEDA, CA 91335

Equipment Description :

PAINT PREP STATION, SPRAYLINE, MODEL NO EBHD-15, 15'-0" W X 3'-2" L X 4'-0" H , WITH EIGHTEEN 20" X 20" EXHAUST FILTERS, AND ONE 2-H P EXHAUST FAN

Conditions :

1 OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW

2 THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES

3 THIS SPRAY BOOTH SHALL NOT BE OPERATED UNLESS ALL EXHAUST AIR PASSES THROUGH FILTER MEDIA AT LEAST 2 INCHES THICK

4 A GAUGE SHALL BE INSTALLED AND MAINTAINED TO INDICATE , IN INCHES OF WATER, THE STATIC PRESSURE DIFFERENTIAL ACROSS THE EXHAUST FILTERS IN OPERATION, THE PRESSURE DIFFERENTIAL SHALL NOT EXCEED 0 25 INCH OF WATER

5 THIS EQUIPMENT SHALL BE OPERATED IN COMPLIANCE WITH RULES 1151 AND 1171

6 THE TOTAL QUANTITY OF VOLATILE ORGANIC COMPOUND (VOC) EMISSIONS FROM PERMITTED EQUIPMENT AND ASSOCIATED OPERATIONS AT THIS FACILITY SHALL BE LESS THAN 667 POUNDS IN ANY CALENDAR MONTH ASSOCIATED OPERATIONS INCLUDE, BUT ARE NOT LIMITED TO, SURFACE PREPARATION, EQUIPMENT CLEAN-UP, AND THE APPLICATION OF ANY OTHER MATERIALS TO PARTS THAT ARE PREVIOUSLY OR SUBSEQUENTLY PROCESSED IN THIS EQUIPMENT

7 MATERIAL SAFETY DATA SHEETS FOR ALL MATERIALS USED AT THIS FACILITY AND SUBJECT TO DISTRICT RULES SHALL BE KEPT CURRENT AND MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST

FILE COPY

8 MATERIALS USED IN THIS EQUIPMENT SHALL NOT CONTAIN ANY CARCINOGENIC AIR CONTAMINANTS IDENTIFIED IN RULE 1401,TABLE I, WITH AN EFFECTIVE DATE OF MARCH 4, 2005 OR EARLIER

9 THE OPERATOR SHALL COMPLY WITH RULE 109 (RECORDKEEPING FOR VOLATILE ORGANIC COMPOUND EMISSIONS)

10 IN ADDITION TO THE RECORDKEEPING REQUIREMENTS OF RULE 109, THE OPERATOR SHALL KEEP ADEQUATE RECORDS FOR THIS EQUIPMENT AND FACILITY TO VERIFY THE CALENDAR MONTHLY VOC EMISSIONS IN POUNDS AND THE VOC CONTENT OF EACH MATERIAL AS APPLIED (INCLUDING WATER AND EXEMPT COMPOUNDS) THESE RECORDS SHALL BE PREPARED IN A FORMAT WHICH IS ACCEPTABLE TO THE DISTRICT

11 WITHIN 14 CALENDAR DAYS AFTER THE END OF EACH MONTH, THE OPERATOR SHALL TOTAL AND RECORD VOC EMISSIONS FOR THE MONTH FOR ALL EQUIPMENT COVERED BY THE MONTHLY LIMIT THE RECORDS SHALL INCLUDE ANY PROCEDURES USED TO ACCOUNT FOR CONTROL DEVICE EFFICIENCIES AND/OR WASTE DISPOSAL IT SHALL BE SIGNED AND CERTIFIED FOR ACCURACY BY THE HIGHEST RANKING INDIVIDUAL RESPONSIBLE FOR COMPLIANCE WITH DISTRICT RULES

12 THE OPERATOR SHALL MAINTAIN A SINGLE LIST WHICH INCLUDES ONLY THE NAME AND ADDRESS OF EACH PERSON FROM WHOM THE FACILITY ACQUIRED VOC-CONTAINING MATERIAL REGULATED BY THE DISTRICT THAT WAS USED OR STORED AT THE FACILITY DURING THE PRECEDING 12 MONTHS

13 THE OPERATOR SHALL RETAIN ALL PURCHASE INVOICES FOR ALL VOC-CONTAINING MATERIAL USED OR STORED AT THE FACILITY, AND ALL WASTE MANIFESTS FOR ALL WASTE VOC-CONTAINING MATERIAL REMOVED FROM THE FACILITY FOR 24 MONTHS

14 ALL RECORDS REQUIRED BY THIS PERMIT SHALL BE RETAINED AT THE FACILITY FOR 24 MONTHS, AND SHALL BE MADE AVAILABLE TO ANY DISTRICT REPRESENTATIVE UPON REQUEST

15 THIS PERMIT SHALL EXPIRE IF CONSTRUCTION OF THIS EQUIPMENT IS NOT COMPLETE WITHIN ONE YEAR FROM THE DATE OF ISSUANCE OF THIS PERMIT UNLESS AN EXTENSION IS GRANTED BY THE EXECUTIVE OFFICER

NOTICE

IN ACCORDANCE WITH RULE 206, THIS PERMIT TO OPERATE OR COPY SHALL BE POSTED ON OR WITHIN 8 METERS OF THE EQUIPMENT

THIS PERMIT DOES NOT AUTHORIZE THE EMISSION OF AIR CONTAMINANTS IN EXCESS OF THOSE ALLOWED BY DIVISION 26 OF THE HEALTH AND SAFETY CODE OF THE STATE OF CALIFORNIA OR THE RULES OF THE AIR QUALITY MANAGEMENT DISTRICT THIS PERMIT CANNOT BE CONSIDERED AS PERMISSION TO VIOLATE EXISTING LAWS, ORDINANCES, REGULATIONS OR STATUTES OF OTHER GOVERNMENT AGENCIES

EXECUTIVE OFFICER

Dorris M Bailey

By Dorris M Bailey/FM03
2/6/2008

FILE COPY

SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT
21865 Copley Drive, Diamond Bar, CA 91765

PERMIT TO OPERATE

Permit No
F95563
A/N 446750

This initial permit must be renewed ANNUALLY unless the equipment is moved, or changes ownership
If the billing for the annual renewal fee (Rule 301 f) is not received by the expiration date, contact the District

Legal Owner
or Operator

BOWMAN PLATING CO INC
2631 E 126TH ST
COMPTON, CA 90222

ID 18989

Equipment Location: 2631 E 126TH ST, COMPTON, CA 90222-1599

Equipment Description :

SPRAY BOOTH NO 3, BLEEKER, FLOOR TYPE, 18'-8" W X 26'-2" L X 8'-4" H , WITH EXHAUST FILTERS CONSISTING OF FORTY 20" X 20" PRE-FILTERS, FORTY 20" X 20" POCKET-TYPE FILTERS, AND TEN 24" X 24" HEPA FILTERS, AND ONE 15 H P EXHAUST FAN

Conditions :

1 OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW

2 THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES

3 THIS SPRAY BOOTH SHALL NOT BE OPERATED UNLESS ALL EXHAUST AIR PASSES THROUGH THE PRE-FILTERS, POCKET-TYPE FILTERS, AND HEPA FILTERS

4 GAUGES SHALL BE INSTALLED AND MAINTAINED TO INDICATE, IN INCHES OF WATER, THE STATIC PRESSURE DIFFERENTIAL ACROSS THE EXHAUST FILTERS IN OPERATION, THE PRESSURE DIFFERENTIAL ACROSS THE PRE-FILTERS AND THE POCKET-TYPE FILTERS SHALL NOT EXCEED 1 INCH OF WATER, AND THE PRESSURE DIFFERENTIAL ACROSS THE HEPA FILTERS SHALL NOT EXCEED 2 0 INCHES OF WATER

5 THE HEPA FILTERS USED IN THIS EQUIPMENT SHALL BE INDIVIDUALLY DOP (OR EQUIVALENT) TESTED WITH 0 3 MICRON PARTICLES AND CERTIFIED TO HAVE AN EFFICIENCY OF NOT LESS THAN 99 97%

6 THIS EQUIPMENT SHALL BE OPERATED IN COMPLIANCE WITH RULES 1107, 1124, AND 1171

7 THE TOTAL QUANTITY OF VOLATILE ORGANIC COMPOUND (VOC) EMISSIONS FROM THIS EQUIPMENT SHALL NOT EXCEED 660 POUNDS IN ANY ONE CALENDAR MONTH

8 THE TOTAL QUANTITY OF VOC EMISSIONS FROM THIS EQUIPMENT AND EQUIPMENT PERMITTED UNDER A/N 446750 SHALL BE LESS THAN 1,170 POUNDS IN ANY ONE CALENDAR MONTH

FILE COPY

9 THE TOTAL QUANTITY OF VOC EMISSIONS FROM THIS FACILITY SHALL NOT EXCEED 1,350 POUNDS IN ANY ONE CALENDAR MONTH

10 MATERIAL SAFETY DATA SHEETS FOR ALL MATERIALS USED AT THIS FACILITY SHALL BE KEPT CURRENT AND BE MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST

11 THE OPERATOR SHALL COMPLY WITH RULE 109 (RECORDKEEPING FOR VOLATILE ORGANIC COMPOUND EMISSIONS)

12 IN ADDITION TO THE RECORD KEEPING REQUIREMENTS OF RULE 109, THE OPERATOR SHALL KEEP ADEQUATE SEPARATE RECORDS FOR THIS EQUIPMENT, FOR THIS EQUIPMENT TOGETHER WITH THE EQUIPMENT UNDER A/N 446750, AND FOR THIS FACILITY TO VERIFY THE CALENDAR MONTHLY VOC EMISSIONS IN POUNDS AND THE VOC CONTENT OF EACH MATERIAL AS APPLIED (INCLUDING WATER AND EXEMPT COMPOUNDS) THESE RECORDS SHALL BE PREPARED IN A FORMAT WHICH IS ACCEPTABLE TO THE DISTRICT

13 WITHIN 14 CALENDAR DAYS AFTER THE END OF EACH MONTH, THE OPERATOR SHALL TOTAL AND RECORD VOC EMISSIONS FOR THE MONTH FOR ALL EQUIPMENT COVERED BY THE MONTHLY LIMITS THE RECORD SHALL INCLUDE ANY PROCEDURES USED TO ACCOUNT FOR CONTROL DEVICE EFFICIENCIES AND/OR WASTE DISPOSAL IT SHALL BE SIGNED AND CERTIFIED FOR ACCURACY BY THE HIGHEST RANKING INDIVIDUAL RESPONSIBLE FOR COMPLIANCE WITH DISTRICT RULES

14 THE OPERATOR SHALL MAINTAIN A SINGLE LIST WHICH INCLUDES ONLY THE NAME AND ADDRESS OF EACH PERSON FROM WHOM THE FACILITY ACQUIRED VOC-CONTAINING MATERIAL REGULATED BY THE DISTRICT THAT WAS USED OR STORED AT THE FACILITY DURING THE PRECEDING 12 MONTHS

15 THE OPERATOR SHALL RETAIN ALL PURCHASE INVOICES FOR ALL VOC-CONTAINING MATERIAL USED OR STORED AT THE FACILITY, AND ALL WASTE MANIFESTS FOR ALL WASTE VOC-CONTAINING MATERIAL REMOVED FROM THE FACILITY FOR 24 MONTHS

16 ALL RECORDS REQUIRED BY THIS PERMIT SHALL BE RETAINED AT THE FACILITY FOR 24 MONTHS, AND SHALL BE MADE AVAILABLE TO ANY DISTRICT REPRESENTATIVE UPON REQUEST

17 MATERIALS USED IN THIS EQUIPMENT SHALL NOT CONTAIN ANY TOXIC AIR CONTAMINANTS WITH ACUTE RISK IDENTIFIED IN RULE 1401, TABLE I WITH AN EFFECTIVE DATE OF MARCH 4, 2005 OR EARLIER

NOTICE

IN ACCORDANCE WITH RULE 206, THIS PERMIT TO OPERATE OR COPY SHALL BE POSTED ON OR WITHIN 8 METERS OF THE EQUIPMENT

THIS PERMIT DOES NOT AUTHORIZE THE EMISSION OF AIR CONTAMINANTS IN EXCESS OF THOSE ALLOWED BY DIVISION 26 OF THE HEALTH AND SAFETY CODE OF THE STATE OF CALIFORNIA OR THE RULES OF THE AIR QUALITY MANAGEMENT DISTRICT THIS PERMIT CANNOT BE CONSIDERED AS PERMISSION TO VIOLATE EXISTING LAWS, ORDINANCES, REGULATIONS OR STATUTES OF OTHER GOVERNMENT AGENCIES

EXECUTIVE OFFICER

Dorris M Bailey

By Dorris M Bailey/EQ01
2/26/2008

FILE COPY

SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT
21865 Copley Drive, Diamond Bar, CA 91765

PERMIT TO OPERATE

Permit No
F95562
A/N 446748

This initial permit must be renewed ANNUALLY unless the equipment is moved, or changes ownership
If the billing for the annual renewal fee (Rule 301 f) is not received by the expiration date, contact the District.

ID 18989

Legal Owner
or Operator

BOWMAN PLATING CO INC
2631 E 126TH ST
COMPTON, CA 90222

Equipment Location: 2631 E 126TH ST, COMPTON, CA 90222-1599

Equipment Description :

SPRAY BOOTH NO 1, BLEEKER, FLOOR TYPE, 18'-8" W X 26'-2" L X 8'-4" H , WITH EXHAUST FILTERS CONSISTING OF FORTY 20" X 20" PRE-FILTERS, FORTY 20" X 20" POCKET-TYPE FILTERS, AND TEN 24" X 24" HEPA FILTERS, AND ONE 15 H P EXHAUST FAN

Conditions ·

1 OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW

2 THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES

3 THIS SPRAY BOOTH SHALL NOT BE OPERATED UNLESS ALL EXHAUST AIR PASSES THROUGH THE PRE-FILTERS, POCKET-TYPE FILTERS, AND HEPA FILTERS

4 GAUGES SHALL BE INSTALLED AND MAINTAINED TO INDICATE, IN INCHES OF WATER, THE STATIC PRESSURE DIFFERENTIAL ACROSS THE EXHAUST FILTERS IN OPERATION, THE PRESSURE DIFFERENTIAL ACROSS THE PRE-FILTERS AND THE POCKET-TYPE FILTERS SHALL NOT EXCEED 1 INCH OF WATER, AND THE PRESSURE DIFFERENTIAL ACROSS THE HEPA FILTERS SHALL NOT EXCEED 2 0 INCHES OF WATER

5 THE HEPA FILTERS USED IN THIS EQUIPMENT SHALL BE INDIVIDUALLY DOP (OR EQUIVALENT) TESTED WITH 0 3 MICRON PARTICLES AND CERTIFIED TO HAVE AN EFFICIENCY OF NOT LESS THAN 99 97%

6 THIS EQUIPMENT SHALL BE OPERATED IN COMPLIANCE WITH RULES 1107, 1124, AND 1171

7 THE TOTAL QUANTITY OF VOLATILE ORGANIC COMPOUND (VOC) EMISSIONS FROM THIS EQUIPMENT SHALL NOT EXCEED 660 POUNDS IN ANY ONE CALENDAR MONTH

8 THE TOTAL QUANTITY OF VOC EMISSIONS FROM THIS EQUIPMENT AND EQUIPMENT PERMITTED UNDER A/N 446750 SHALL BE LESS THAN 1,170 POUNDS IN ANY ONE CALENDAR MONTH

FILE COPY

9 THE TOTAL QUANTITY OF VOC EMISSIONS FROM THIS FACILITY SHALL NOT EXCEED 1,350 POUNDS IN ANY ONE CALENDAR MONTH

10 MATERIAL SAFETY DATA SHEETS FOR ALL MATERIALS USED AT THIS FACILITY SHALL BE KEPT CURRENT AND BE MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST

11 THE OPERATOR SHALL COMPLY WITH RULE 109 (RECORDKEEPING FOR VOLATILE ORGANIC COMPOUND EMISSIONS)

12 IN ADDITION TO THE RECORD KEEPING REQUIREMENTS OF RULE 109, THE OPERATOR SHALL KEEP ADEQUATE SEPARATE RECORDS FOR THIS EQUIPMENT, FOR THIS EQUIPMENT TOGETHER WITH THE EQUIPMENT UNDER A/N 446750, AND FOR THIS FACILITY TO VERIFY THE CALENDAR MONTHLY VOC EMISSIONS IN POUNDS AND THE VOC CONTENT OF EACH MATERIAL AS APPLIED (INCLUDING WATER AND EXEMPT COMPOUNDS) THESE RECORDS SHALL BE PREPARED IN A FORMAT WHICH IS ACCEPTABLE TO THE DISTRICT

13 WITHIN 14 CALENDAR DAYS AFTER THE END OF EACH MONTH, THE OPERATOR SHALL TOTAL AND RECORD VOC EMISSIONS FOR THE MONTH FOR ALL EQUIPMENT COVERED BY THE MONTHLY LIMITS THE RECORD SHALL INCLUDE ANY PROCEDURES USED TO ACCOUNT FOR CONTROL DEVICE EFFICIENCIES AND/OR WASTE DISPOSAL IT SHALL BE SIGNED AND CERTIFIED FOR ACCURACY BY THE HIGHEST RANKING INDIVIDUAL RESPONSIBLE FOR COMPLIANCE WITH DISTRICT RULES

14 THE OPERATOR SHALL MAINTAIN A SINGLE LIST WHICH INCLUDES ONLY THE NAME AND ADDRESS OF EACH PERSON FROM WHOM THE FACILITY ACQUIRED VOC-CONTAINING MATERIAL REGULATED BY THE DISTRICT THAT WAS USED OR STORED AT THE FACILITY DURING THE PRECEDING 12 MONTHS

15 THE OPERATOR SHALL RETAIN ALL PURCHASE INVOICES FOR ALL VOC-CONTAINING MATERIAL USED OR STORED AT THE FACILITY, AND ALL WASTE MANIFESTS FOR ALL WASTE VOC-CONTAINING MATERIAL REMOVED FROM THE FACILITY FOR 24 MONTHS

16 ALL RECORDS REQUIRED BY THIS PERMIT SHALL BE RETAINED AT THE FACILITY FOR 24 MONTHS, AND SHALL BE MADE AVAILABLE TO ANY DISTRICT REPRESENTATIVE UPON REQUEST

17 MATERIALS USED IN THIS EQUIPMENT SHALL NOT CONTAIN ANY TOXIC AIR CONTAMINANTS WITH ACUTE RISK IDENTIFIED IN RULE 1401, TABLE I WITH AN EFFECTIVE DATE OF MARCH 4, 2005 OR EARLIER

NOTICE

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EXECUTIVE OFFICER

Dorris M Bailey

By Dorris M Bailey/EQ01
2/26/2008

FILE COPY

SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT
21865 Copley Drive, Diamond Bar, CA 91765

PERMIT TO OPERATE

Permit No.
F83389
A/N 434537

This initial permit must be renewed ANNUALLY unless the equipment is moved, or changes ownership.
If the billing for the annual renewal fee (Rule 301.f) is not received by the expiration date, contact the District.

ID 18989

Legal Owner
or Operator: BOWMAN PLATING CO INC
2631 E 126TH ST
COMPTON, CA 90222

Equipment Location: 2631 E 126TH ST, COMPTON, CA 90222-1599

Equipment Description :

ABRASIVE BLASTING SYSTEM CONSISTING OF:

1. ABRASIVE BLASTING ROOM, U.S. FILTER SCHMIDT, MODEL K-14, 8 ' W. BY 26 '. L. BY 8' H.
2. BLASTING POT, 3.5 CUBIC FEET CAPACITY
3. ABRASIVE BLASTING NOZZLE, WITH MAXIMUM INTERNAL DIAMETER OF 1/4 INCH.
4. PLANT AIR WITH A MAXIMUM DELIVERY RATE OF 125 PSIA.

Conditions :

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.
2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
3. THIS EQUIPMENT SHALL NOT BE OPERATED UNLESS IT IS VENTED ONLY TO AIR POLLUTION CONTROL EQUIPMENT WHICH IS IN FULL USE AND WHICH HAS BEEN ISSUED A PERMIT TO OPERATE BY THE EXECUTIVE OFFICER.
4. A LOG SHALL BE MAINTAINED LISTING THE QUANTITY OF MATERIAL PROCESSED IN THIS EQUIPMENT ON A MONTHLY BASIS. THIS LOG SHALL BE MAINTAINED FOR AT LEAST TWO YEARS AND BE MADE AVAILABLE TO AQMD PERSONNEL UPON REQUEST.
5. ABRASIVE BLASTING MEDIA SHALL NOT EXCEED THE FOLLOWING:

ALUMINUM OXIDE	50,000 POUNDS PER MONTH
SAND	25,000 POUNDS PER MONTH

6. RAW MATERIALS USED IN THIS EQUIPMENT SHALL NOT CONTAIN ANY COMPOUNDS IDENTIFIED IN AQMD RULE 1401, AS AMENDED MARCH 4, 2005.

FILE COPY

7. MATERIAL SAFETY DATA SHEETS FOR ALL RAW MATERIALS USED AT THIS FACILITY SHALL BE KEPT CURRENT AND SHALL BE MADE AVAILABLE TO AQMD PERSONNEL UPON REQUEST.

8. THIS EQUIPMENT SHALL OPERATE IN COMPLIANCE WITH AQMD RULE 1140.

NOTICE

IN ACCORDANCE WITH RULE 206, THIS PERMIT TO OPERATE OR COPY SHALL BE POSTED ON OR WITHIN 8 METERS OF THE EQUIPMENT.

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EXECUTIVE OFFICER

Dorris M. Bailey

By Dorris M.Bailey/LD02
7/26/2006

FILE COPY

SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT
21865 Copley Drive, Diamond Bar, CA 91765

PERMIT TO OPERATE

Permit No.
F83390
A/N 434535

This initial permit must be renewed ANNUALLY unless the equipment is moved, or changes ownership.
If the billing for the annual renewal fee (Rule 301.f) is not received by the expiration date, contact the District.

ID 18989

Legal Owner
or Operator: BOWMAN PLATING CO INC
2631 E 126TH ST
COMPTON, CA 90222

Equipment Location: 2631 E 126TH ST, COMPTON, CA 90222-1599

Equipment Description :

AIR POLLUTION CONTROL SYSTEM CONSISTING OF:

1. BAGHOUSE, UNITED AIR SPECIALISTS, INC., MODEL DUST HOG SBD12-3-H55, WITH 12 FILTER CARTRIDGES, 3720 SQUARE FEET FILTER AREA, AND REVERSE PULSE CLEANING.

2. EXHAUST SYSTEM, WITH A 20 HP BLOWER VENTING AN ABRASIVE BLASTING SYSTEM

Conditions :

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.

2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.

3. A MECHANICAL GAUGE SHALL BE INSTALLED AND MAINTAINED SO AS TO INDICATE, IN INCHES OF WATER COLUMN, THE STATIC PRESSURE DIFFERENTIAL ACROSS THE CARTRIDGES.

4. DUST COLLECTED IN THIS EQUIPMENT SHALL BE DISCHARGED ONLY INTO CLOSED CONTAINERS.

FILE COPY

NOTICE

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THIS PERMIT DOES NOT AUTHORIZE THE EMISSION OF AIR CONTAMINANTS IN EXCESS OF THOSE ALLOWED BY DIVISION 26 OF THE HEALTH AND SAFETY CODE OF THE STATE OF CALIFORNIA OR THE RULES OF THE AIR QUALITY MANAGEMENT DISTRICT. THIS PERMIT CANNOT BE CONSIDERED AS PERMISSION TO VIOLATE EXISTING LAWS, ORDINANCES, REGULATIONS OR STATUTES OF OTHER GOVERNMENT AGENCIES.

EXECUTIVE OFFICER

Dorris M. Bailey

By Dorris M.Bailey/LD02
7/26/2006

FILE COPY

SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT
21865 East Copley Drive, Diamond Bar, CA 91765

PERMIT TO OPERATE

Permit No.
F43266
A/N 343807

This initial permit must be renewed ANNUALLY unless the equipment is moved, or changes ownership.
If the billing for annual renewal fee (Rule 301.f) is not received by the expiration date, contact the District.

Legal Owner
or Operator: BOWMAN PLATING CO INC
2631 E 126TH ST
COMPTON, CA 90222

ID 018989

Equipment Location: 2631 E 126TH ST COMPTON CA 90222 1599

Equipment Description:

AIR POLLUTION CONTROL SYSTEM CONSISTING OF:

1. TWO STAGE COMPOSITE MESH PAD MIST ELIMINATOR, DUALL DIVISION, MODEL MM-008, 1'-8" DIA. X 5'-0" H., WITH STAGE 1, TI-29 MESH PAD, 19 5/8" D. X 8 1/4" H., AND STAGE 2, 2" DIAMETER JAEGER POLYPROPYLENE TRI-PACK, 20" DIA. X 12" H.

2. EXHAUST SYSTEM, WITH A 3 H.P. EXHAUST FAN, VENTING BARREL CADMIUM PLATING TANK NO. 150.

Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.

2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.

3. THIS SYSTEM SHALL BE IN FULL USE WHENEVER THE BARREL CADMIUM PLATING TANK NO.150 VENTED TO IT IS IN OPERATION.

4. THE STACK SHALL DISCHARGE IN AN UPWARD DIRECTION AND THE STACK HEIGHT SHALL NOT BE LESS THAN 30 FEET.

5. THIS EQUIPMENT SHALL BE OPERATED IN COMPLIANCE WITH ALL APPLICABLE PROVISIONS OF THE DISTRICT RULE 1401.

6. A MECHANICAL GAUGE SHALL BE INSTALLED AND MAINTAINED SO AS TO INDICATE, IN INCHES OF WATER COLUMN, THE STATIC PRESSURE DIFFERENTIAL ACROSS THE STAGE 1 MESH PAD. THE SCALE SHALL NOT EXCEED FOUR TIMES THE LIMIT SPECIFIED IN CONDITION NO. 7.

7. THE TOTAL STATIC PRESSURE DIFFERENTIAL ACROSS THE STAGE 1 MESH PAD SHALL NOT EXCEED 2.0 INCHES OF WATER COLUMN, DURING OPERATION.

FILE COPY

CONTINUATION OF PERMIT TO OPERATE

8. A MECHANICAL GAUGE SHALL BE INSTALLED AND MAINTAINED SO AS TO INDICATE, IN INCHES OF WATER, THE STATIC PRESSURE DIFFERENTIAL ACROSS THE STAGE 2 TRI-PACK. THE SCALE SHALL NOT EXCEED FOUR TIMES THE LIMIT SPECIFIED IN CONDITION NO.9.

9. THE TOTAL STATIC PRESSURE DIFFERENTIAL ACROSS THE STAGE 2 TRI-PACK SHALL NOT EXCEED 1.0 INCH OF WATER COLUMN, DURING OPERATION.

NOTICE

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EXECUTIVE OFFICER

Dorris M. Bailey

By Dorris M. Bailey/PIRP
08/18/01

FILE COPY

SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT
21865 East Copley Drive, Diamond Bar, CA 91765

PERMIT TO OPERATE

Permit No.
F42852
A/N 341813

This initial permit must be renewed ANNUALLY unless the equipment is moved, or changes ownership.
If the billing for annual renewal fee (Rule 301.f) is not received by the expiration date, contact the District.

Legal Owner
or Operator: BOWMAN PLATING CO INC.
2631 E 126TH ST.
COMPTON, CA 90222

ID 18989

Equipment Location: 2631 E 126TH ST. COMPTON CA 90222

Equipment Description:

ZINC PLATING LINE, CONSISTING OF THE FOLLOWING:

1) TANK NO. 117, ZINC PLATE, ALKALINE CYANIDE, 2'-11" W. X 8'-0" L. X 5'-6" H., WITH A 15 VOLT, 3,000 AMPERE RECTIFIER.

2) TANK NO. 145, ALKALINE CLEANER, 4'-0" W. X 8'-0" L. X 4'-0" H., HOT WATER HEATED, WITH A 10 VOLT, 3,000 AMPERE RECTIFIER.

3) ASSOCIATED DRAGOUT AND RINSE TANKS

Conditions:

1) OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN COMPLIANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED, UNLESS OTHERWISE NOTED BELOW.

2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.

3. THIS EQUIPMENT SHALL BE OPERATED IN COMPLIANCE WITH ALL APPLICABLE AQMD RULES.

4. MATERIALS USED IN THIS EQUIPMENT SHALL NOT CONTAIN ANY COMPOUNDS IDENTIFIED IN RULE 1401, AS AMENDED ON DECEMBER 7, 1990.

5. MATERIAL SAFETY DATA SHEETS FOR ALL RAW MATERIALS USED AT THIS FACILITY SHALL BE KEPT CURRENT AND SHALL BE MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST.

6. THE OPERATOR SHALL INSTALL A NON-RESETTABLE AMPERE-HOUR METER ON THE RECTIFIER, WHICH RECORDS THE POWER BEING APPLIED IN THE ZINC PLATING TANK NO. 117 AND THE ALKALINE CLEANER TANK NO. 145.

FILE COPY

CONTINUATION OF PERMIT TO OPERATE

7. THE PLATING CURRENT APPLIED TO THE ZINC PLATING TANK NO. 117 AND THE ALKALINE CLEANER TANK NO. 145 SHALL NOT EXCEED 1,272,000 AMPERE-HOURS PER CALENDAR MONTH.

8. THE OPERATOR SHALL MAINTAIN A RECORD OF THE AMPERE-HOURS OF CURRENT APPLIED TO THE ZINC PLATING TANK NO. 117 AND THE ALKALINE CLEANER TANK NO. 145 IN A FORMAT ACCEPTABLE TO THE DISTRICT. THE RECORD SHALL INCLUDE THE DAILY AND MONTHLY TOTALIZER READINGS FROM THE RECTIFIER AMPERE-HOUR METER, THE DATE AND TIME THE READINGS ARE RECORDED, AND THE NAME OF THE PERSON TAKING AND RECORDING THE READING.

NOTICE

IN ACCORDANCE WITH RULE 206, THIS PERMIT TO OPERATE OR COPY SHALL BE POSTED ON OR WITHIN 8 METERS OF THE EQUIPMENT.

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EXECUTIVE OFFICER

Dorris M. Bailey

By Dorris M. Bailey/PIRP
08/10/01

FILE COPY

SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT
21865 East Copley Drive, Diamond Bar, CA 91765

PERMIT TO OPERATE

Permit No.
F42974
A/N 341811

This initial permit must be renewed ANNUALLY unless the equipment is moved, or changes ownership.
If the billing for annual renewal fee (Rule 301.f) is not received by the expiration date, contact the District.

Legal Owner
or Operator:

BOWMAN PLATING CO INC.
2631 E 126TH ST.
COMPTON, CA 90222

ID 18989

Equipment Location: 2631 E 126TH ST. COMPTON CA 90222

Equipment Description:

SPRAY BOOTH ENCLOSURE NO. II, GENERIC, LIQUID COATINGS AND SOLVENT, FLOOR TYPE, 11'-5" W. X 24'-3" L. X 7'-0" H., WATER WASH COMBINATION WITH TWENTY EIGHT PRIMARY FILTERS, 20" X 20", 3 H.P. WATER RECIRCULATION PUMP, AND ONE 5 H.P. EXHAUST FAN.

Conditions:

1) OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.

2) THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.

3) OPERATION OF THE ABOVE EQUIPMENT SHALL COMPLY WITH ALL APPLICABLE PROVISIONS OF THE DISTRICT RULES 1107, 1124 AND 1171.

4) THIS SPRAY BOOTH SHALL NOT BE OPERATED UNLESS ALL EXHAUST AIR PASSES THROUGH A PRIMARY FILTER MEDIA AT LEAST 2 INCHES THICK, AND A WATER WASH SECTION THAT IS IN FULL OPERATION

5) THE OPERATOR SHALL KEEP COPIES OF ALL MATERIAL SAFETY DATA SHEETS REGARDING COATINGS AND SOLVENTS USED IN THIS EQUIPMENT. SUCH RECORDS SHALL BE RETAINED FOR AT LEAST TWO YEARS AND BE MADE AVAILABLE TO THE DISTRICT UPON REQUEST.

6) THE OPERATOR SHALL KEEP ADEQUATE RECORDS TO VERIFY MONTHLY USAGE AND MONTHLY VOC EMISSIONS IN ACCORDANCE WITH RULE 109. SUCH RECORDS SHALL BE RETAINED FOR A PERIOD OF TWO YEARS AND BE MADE AVAILABLE TO THE DISTRICT UPON REQUEST.

7) IN ADDITION TO THE RECORDKEEPING REQUIREMENTS IN RULE 109, THE OPERATOR SHALL KEEP ADEQUATE RECORDS FOR THIS EQUIPMENT TO VERIFY DAILY VOC EMISSIONS IN POUNDS, AND THE VOC CONTENT OF EACH MATERIAL, AS APPLIED (INCLUDING WATER AND EXEMPT COMPOUNDS). ALL RECORDS SHALL BE PREPARED IN A FORMAT THAT IS ACCEPTABLE TO THE DISTRICT.

FILE COPY

CONTINUATION OF PERMIT TO OPERATE

8) THE OPERATOR SHALL MAINTAIN A SINGLE LIST WHICH INCLUDES ONLY THE NAME AND ADDRESS OF EACH PERSON FROM WHOM THE FACILITY ACQUIRED VOC-CONTAINING MATERIAL REGULATED BY THE DISTRICT THAT WAS USED OR STORED AT THE FACILITY DURING THE PRECEEDING 12 MONTHS.

9) THE OPERATOR SHALL RETAIN ALL PURCHASE INVOICES FOR ALL VOC-CONTAINING MATERIAL USED OR STORED AT THE FACILITY, AND ALL WASTE MANIFESTS FOR ALL WASTE VOC-CONTAINING MATERIAL REMOVED FROM THE FACILITY FOR 36 MONTHS.

10) MATERIALS USED IN THIS EQUIPMENT SHALL NOT CONTAIN ANY CARCINOGENIC AIR CONTAMINANTS IDENTIFIED IN RULE 1401, TABLE 1, WITH AN EFFECTIVE DATE OF DECEMBER 7, 1990.

11) A GAUGE SHALL BE INSTALLED AND MAINTAINED TO INDICATE, IN INCHES OF WATER, THE STATIC PRESSURE DIFFERENTIAL ACROSS THE PRIMARY FILTERS. THE PRESSURE DIFFERENTIAL SHALL NOT EXCEED 0.25 INCH OF WATER WHILE THE BOOTH IS IN OPERATION.

12) MATERIALS USED IN THIS EQUIPMENT SHALL NOT CONTAIN HEXAVALENT CHROMIUM.

13) THE QUANTITY OF COATINGS USED AT THIS FACILITY IN THE COATING OF NON-AEROSPACE METAL PARTS SHALL BE LESS THAN ONE GALLON PER DAY.

14) THE TOTAL QUANTITY OF COATINGS AND SOLVENTS USED IN SPRAY BOOTHS AT THIS FACILITY SHALL NOT EXCEED TWELVE (12) GALLONS IN ANY ONE DAY.

15) THE MAXIMUM AMOUNT OF VOC EMISSIONS EMITTED FROM THIS SPRAY BOOTH SHALL NOT EXCEED 30 POUNDS IN ANY ONE DAY.

NOTICE

IN ACCORDANCE WITH RULE 206, THIS PERMIT TO OPERATE OR COPY SHALL BE POSTED ON OR WITHIN 8 METERS OF THE EQUIPMENT.

FILE COPY

PERMIT TO OPERATE

CONTINUATION OF PERMIT TO OPERATE

THIS PERMIT DOES NOT AUTHORIZE THE EMISSION OF AIR CONTAMINANTS IN EXCESS OF THOSE ALLOWED BY DIVISION 26 OF THE HEALTH AND SAFETY CODE OF THE STATE OF CALIFORNIA OR THE RULES OF THE AIR QUALITY MANAGEMENT DISTRICT. THIS PERMIT CANNOT BE CONSIDERED AS PERMISSION TO VIOLATE EXISTING LAWS, ORDINANCES, REGULATIONS OR STATUTES OF OTHER GOVERNMENT AGENCIES

EXECUTIVE OFFICER

Dorris M. Bailey

By Dorris M. Bailey/PIRP
08/15/01

FILE COPY

SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT
21865 Copley Drive, Diamond Bar, CA 91765

PERMIT TO OPERATE

Permit No.
R-F42974
A/N 341811

This initial permit must be renewed ANNUALLY unless the equipment is moved, or changes ownership.
If the billing for the annual renewal fee (Rule 301.f) is not received by the expiration date, contact the District.

ID 18989

Legal Owner
or Operator: BOWMAN PLATING CO INC
2631 E 126TH ST
COMPTON, CA 90222

Equipment Location: 2631 E 126TH ST, COMPTON, CA 90222-1599

Equipment Description :

SPRAY BOOTH ENCLOSURE NO. II, GENERIC, LIQUID COATINGS AND SOLVENT, FLOOR TYPE, 11'-5" W. X 24'-3" L. X 7'-0" H., WATER WASH COMBINATION WITH TWENTY EIGHT PRIMARY FILTERS, 20" X 20", 3 H.P. WATER RECIRCULATION PUMP, AND ONE 5 H.P. EXHAUST FAN.

Conditions :

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.

2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.

3. THIS SPRAY BOOTH SHALL NOT BE OPERATED UNLESS ALL EXHAUST AIR PASSES THROUGH A PRIMARY FILTER MEDIA AT LEAST TWO INCHES THICK, AND A WATERWASH SECTION THAT IS IN FULL OPERATION.

4. A GAUGE SHALL BE INSTALLED AND MAINTAINED TO INDICATE, IN INCHES OF WATER, THE STATIC PRESSURE DIFFERENTIAL ACROSS THE PRIMARY FILTERS. IN OPERATION, THE PRESSURE DIFFERENTIAL SHALL NOT EXCEED 0.25 INCH OF WATER.

5. THIS EQUIPMENT SHALL BE OPERATED IN COMPLIANCE WITH RULES 1107, 1124, AND 1171.

6. THE TOTAL QUANTITY OF VOLATILE ORGANIC COMPOUND (VOC) EMISSIONS FROM THIS EQUIPMENT SHALL NOT EXCEED 30 POUNDS IN ANY ONE DAY.

7. THE TOTAL QUANTITY OF VOC EMISSIONS FROM THIS FACILITY SHALL NOT EXCEED 1,350 POUNDS IN ANY ONE CALENDAR MONTH.

8. MATERIAL SAFETY DATA SHEETS FOR ALL MATERIALS USED AT THIS FACILITY SHALL BE KEPT CURRENT AND BE MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST.

9. THE OPERATOR SHALL COMPLY WITH RULE 109 (RECORDKEEPING FOR VOLATILE ORGANIC COMPOUND EMISSIONS).

FILE COPY

10. IN ADDITION TO THE RECORD KEEPING REQUIREMENTS IN RULE 109, THE OPERATOR SHALL KEEP ADEQUATE SEPARATE RECORDS FOR THIS EQUIPMENT TO VERIFY THE DAILY VOC EMISSIONS AND FOR THIS FACILITY TO VERIFY THE CALENDAR MONTHLY VOC EMISSIONS IN POUNDS AND THE VOC CONTENT OF EACH MATERIAL AS APPLIED (INCLUDING WATER AND EXEMPT COMPOUNDS). THESE RECORDS SHALL BE PREPARED IN A FORMAT WHICH IS ACCEPTABLE TO THE DISTRICT.

11. WITHIN 14 CALENDAR DAYS AFTER THE END OF EACH MONTH, THE OPERATOR SHALL TOTAL AND RECORD VOC EMISSIONS FOR THE MONTH FOR ALL EQUIPMENT COVERED BY THE MONTHLY LIMITS. THE RECORD SHALL INCLUDE ANY PROCEDURES USED TO ACCOUNT FOR CONTROL DEVICE EFFICIENCIES AND/OR WASTE DISPOSAL. IT SHALL BE SIGNED AND CERTIFIED FOR ACCURACY BY HIGHEST RANKING INDIVIDUAL RESPONSIBLE FOR COMPLIANCE WITH DISTRICT RULES.

12. THE OPERATOR SHALL MAINTAIN A SINGLE LIST WHICH INCLUDES ONLY THE NAME AND ADDRESS OF EACH PERSON FROM WHOM THE FACILITY ACQUIRED VOC-CONTAINING MATERIAL REGULATED BY THE DISTRICT THAT WAS USED OR STORED AT THE FACILITY DURING THE PRECEDING 12 MONTHS.

13. THE OPERATOR SHALL RETAIN ALL PURCHASE INVOICES FOR ALL VOC-CONTAINING MATERIAL USED OR STORED AT THE FACILITY, AND ALL WASTE MANIFESTS FOR ALL WASTE VOC-CONTAINING MATERIAL REMOVED FROM THE FACILITY FOR 24 MONTHS.

14. ALL RECORDS REQUIRED BY THIS PERMIT SHALL BE RETAINED AT THE FACILITY FOR 24 MONTHS, AND SHALL BE MADE AVAILABLE TO ANY DISTRICT REPRESENTATIVE UPON REQUEST.

15. MATERIALS USED IN THIS EQUIPMENT SHALL NOT CONTAIN ANY CARCINOGENIC COMPOUNDS IDENTIFIED IN RULE 1401, TABLE I WITH AN EFFECTIVE DATE OF DECEMBER 7, 1990 OR EARLIER.

THIS PERMIT TO OPERATE R-F42974 SUPERSEDES PERMIT TO OPERATE F42974 ISSUED 8/15/2001

NOTICE

IN ACCORDANCE WITH RULE 206, THIS PERMIT TO OPERATE OR COPY SHALL BE POSTED ON OR WITHIN 8 METERS OF THE EQUIPMENT.

THIS PERMIT DOES NOT AUTHORIZE THE EMISSION OF AIR CONTAMINANTS IN EXCESS OF THOSE ALLOWED BY DIVISION 26 OF THE HEALTH AND SAFETY CODE OF THE STATE OF CALIFORNIA OR THE RULES OF THE AIR QUALITY MANAGEMENT DISTRICT. THIS PERMIT CANNOT BE CONSIDERED AS PERMISSION TO VIOLATE EXISTING LAWS, ORDINANCES, REGULATIONS OR STATUTES OF OTHER GOVERNMENT AGENCIES.

EXECUTIVE OFFICER

Dorris M. Bailey

By Dorris M.Bailey/AS03
4/12/2006

FILE COPY

SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT
21865 Copley Drive, Diamond Bar, CA 91765

PERMIT TO OPERATE

Permit No.
R-F42974
A/N 341811

This initial permit must be renewed ANNUALLY unless the equipment is moved, or changes ownership.
If the billing for the annual renewal fee (Rule 301.f) is not received by the expiration date, contact the District.

ID 18989

Legal Owner
or Operator: BOWMAN PLATING CO INC
2631 E 126TH ST
COMPTON, CA 90222

Equipment Location: 2631 E 126TH ST, COMPTON, CA 90222-1599

Equipment Description :

SPRAY BOOTH ENCLOSURE NO. II, GENERIC, LIQUID COATINGS AND SOLVENT, FLOOR TYPE, 11'-5" W. X 24'-3" L. X 7'-0" H., WATER WASH COMBINATION WITH TWENTY EIGHT PRIMARY FILTERS, 20" X 20", 3 H.P. WATER RECIRCULATION PUMP, AND ONE 5 H.P. EXHAUST FAN.

Conditions :

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.

2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.

3. THIS SPRAY BOOTH SHALL NOT BE OPERATED UNLESS ALL EXHAUST AIR PASSES THROUGH A PRIMARY FILTER MEDIA AT LEAST TWO INCHES THICK, AND A WATERWASH SECTION THAT IS IN FULL OPERATION.

4. A GAUGE SHALL BE INSTALLED AND MAINTAINED TO INDICATE, IN INCHES OF WATER, THE STATIC PRESSURE DIFFERENTIAL ACROSS THE PRIMARY FILTERS. IN OPERATION, THE PRESSURE DIFFERENTIAL SHALL NOT EXCEED 0.25 INCH OF WATER.

5. THIS EQUIPMENT SHALL BE OPERATED IN COMPLIANCE WITH RULES 1107, 1124, AND 1171.

6. THE TOTAL QUANTITY OF VOLATILE ORGANIC COMPOUND (VOC) EMISSIONS FROM THIS EQUIPMENT SHALL NOT EXCEED 30 POUNDS IN ANY ONE DAY.

7. THE TOTAL QUANTITY OF VOC EMISSIONS FROM THIS FACILITY SHALL NOT EXCEED 1,350 POUNDS IN ANY ONE CALENDAR MONTH.

8. MATERIAL SAFETY DATA SHEETS FOR ALL MATERIALS USED AT THIS FACILITY SHALL BE KEPT CURRENT AND BE MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST.

9. THE OPERATOR SHALL COMPLY WITH RULE 109 (RECORDKEEPING FOR VOLATILE ORGANIC COMPOUND EMISSIONS).

FILE COPY

10. IN ADDITION TO THE RECORD KEEPING REQUIREMENTS IN RULE 109, THE OPERATOR SHALL KEEP ADEQUATE SEPARATE RECORDS FOR THIS EQUIPMENT TO VERIFY THE DAILY VOC EMISSIONS AND FOR THIS FACILITY TO VERIFY THE CALENDAR MONTHLY VOC EMISSIONS IN POUNDS AND THE VOC CONTENT OF EACH MATERIAL AS APPLIED (INCLUDING WATER AND EXEMPT COMPOUNDS). THESE RECORDS SHALL BE PREPARED IN A FORMAT WHICH IS ACCEPTABLE TO THE DISTRICT.

11. WITHIN 14 CALENDAR DAYS AFTER THE END OF EACH MONTH, THE OPERATOR SHALL TOTAL AND RECORD VOC EMISSIONS FOR THE MONTH FOR ALL EQUIPMENT COVERED BY THE MONTHLY LIMITS. THE RECORD SHALL INCLUDE ANY PROCEDURES USED TO ACCOUNT FOR CONTROL DEVICE EFFICIENCIES AND/OR WASTE DISPOSAL. IT SHALL BE SIGNED AND CERTIFIED FOR ACCURACY BY HIGHEST RANKING INDIVIDUAL RESPONSIBLE FOR COMPLIANCE WITH DISTRICT RULES.

12. THE OPERATOR SHALL MAINTAIN A SINGLE LIST WHICH INCLUDES ONLY THE NAME AND ADDRESS OF EACH PERSON FROM WHOM THE FACILITY ACQUIRED VOC-CONTAINING MATERIAL REGULATED BY THE DISTRICT THAT WAS USED OR STORED AT THE FACILITY DURING THE PRECEDING 12 MONTHS.

13. THE OPERATOR SHALL RETAIN ALL PURCHASE INVOICES FOR ALL VOC-CONTAINING MATERIAL USED OR STORED AT THE FACILITY, AND ALL WASTE MANIFESTS FOR ALL WASTE VOC-CONTAINING MATERIAL REMOVED FROM THE FACILITY FOR 24 MONTHS.

14. ALL RECORDS REQUIRED BY THIS PERMIT SHALL BE RETAINED AT THE FACILITY FOR 24 MONTHS, AND SHALL BE MADE AVAILABLE TO ANY DISTRICT REPRESENTATIVE UPON REQUEST.

15. MATERIALS USED IN THIS EQUIPMENT SHALL NOT CONTAIN ANY CARCINOGENIC COMPOUNDS IDENTIFIED IN RULE 1401, TABLE I WITH AN EFFECTIVE DATE OF DECEMBER 7, 1990 OR EARLIER.

THIS PERMIT TO OPERATE R-F42974 SUPERSEDES PERMIT TO OPERATE F42974 ISSUED 8/15/2001

NOTICE

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EXECUTIVE OFFICER

Dorris M. Bailey

By Dorris M.Bailey/AS03
4/12/2006

FILE COPY

SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT
21865 East Copley Drive, Diamond Bar, CA 91765

PERMIT TO OPERATE

Permit No.
F42818
A/N 341809

This initial permit must be renewed ANNUALLY unless the equipment is moved, or changes ownership.
If the billing for annual renewal fee (Rule 301.f) is not received by the expiration date, contact the District.

Legal Owner
or Operator:

BOWMAN PLATING CO INC.
2631 E 126TH ST.
COMPTON, CA 90222

ID 18989

Equipment Location: 2631 E 126TH ST. COMPTON CA 90222

Equipment Description:

BAKING OVEN, 7'-0" W. X 47' – 9" L. X 6' – 8" H., 792,000 BTU PER HOUR INDIRECT NATURAL GAS-FIRED WITH A 40 H.P. CIRCULATING FAN AND TWO 3/4 H.P. COMBUSTION AIR BLOWERS.

Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.

2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.

3. THIS EQUIPMENT SHALL BE FIRED WITH NATURAL GAS ONLY.

NOTICE

IN ACCORDANCE WITH RULE 206, THIS PERMIT TO OPERATE OR COPY SHALL BE POSTED ON OR WITHIN 8 METERS OF THE EQUIPMENT.

FILE COPY

CONTINUATION OF PERMIT TO OPERATE

THIS PERMIT DOES NOT AUTHORIZE THE EMISSION OF AIR CONTAMINANTS IN EXCESS OF THOSE ALLOWED BY DIVISION 26 OF THE HEALTH AND SAFETY CODE OF THE STATE OF CALIFORNIA OR THE RULES OF THE AIR QUALITY MANAGEMENT DISTRICT. THIS PERMIT CANNOT BE CONSIDERED AS PERMISSION TO VIOLATE EXISTING LAWS, ORDINANCES, REGULATIONS OR STATUTES OF OTHER GOVERNMENT AGENCIES.

EXECUTIVE OFFICER

Dorris M. Bailey

By Dorris M. Bailey/PIRP
08/09/01

FILE COPY

SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT
21865 East Copley Drive, Diamond Bar, CA 91765

PERMIT TO OPERATE

Permit No.
F42817
A/N 341808

This initial permit must be renewed ANNUALLY unless the equipment is moved, or changes ownership.
If the billing for annual renewal fee (Rule 301.f) is not received by the expiration date, contact the District.

Legal Owner
or Operator:

BOWMAN PLATING CO INC.
2631 E 126TH ST.
COMPTON, CA 90222

ID 18989

Equipment Location: 2631 E 126TH ST. COMPTON CA 90222

Equipment Description:

BAKING OVEN, 4'-0" W. X 8' – 0" L. X 10' –0" H., 60,500 BTU PER HOUR INDIRECT NATURAL GAS-FIRED WITH A 1-1/2 H.P. CIRCULATING FAN.

Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.

2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.

3. THIS EQUIPMENT SHALL BE FIRED WITH NATURAL GAS ONLY.

NOTICE

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EXECUTIVE OFFICER

Dorris M. Bailey

By Dorris M. Bailey/PIRP
08/09/01

FILE COPY

SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT
21865 East Copley Drive, Diamond Bar, CA 91765

PERMIT TO OPERATE

Permit No.
F43414
A/N 341807

This initial permit must be renewed ANNUALLY unless the equipment is moved, or changes ownership.
If the billing for annual renewal fee (Rule 301.f) is not received by the expiration date, contact the District.

LEGAL OWNER
OR OPERATOR: BOWMAN PLATING CO INC
2631 E 126TH ST
COMPTON, CA 90222

ID 018989

Equipment Location: 2631 E 126TH ST, COMPTON, CA 90222-1599

Equipment Description:

SLUDGE DRYING SYSTEM CONSISTING OF:

1. SLUDGE DRYER, JWI, MODEL J120G, NATURAL GAS FIRED, 125,000 BTU/HR, WITH AN INTEGRAL VENTURI TYPE SCRUBBER

2. EXHAUST STACK, 0'-6" DIA., WITH VERTICAL EXHAUST OUTLET 14'-0" ABOVE GROUND LEVEL

Conditions:

1) OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.

2) THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.

3) THE SLUDGE DRYER SHALL NOT BE OPERATED UNLESS IT IS VENTED ONLY TO AIR POLLUTION CONTROL EQUIPMENT CONSISTING OF A VENTURI SCRUBBER, WHICH IS INTEGRAL TO THE EQUIPMENT, WHICH IS IN FULL USE AND WHICH HAS BEEN ISSUED AN OPERATING PERMIT BY THE EXECUTIVE OFFICER.

4) THE LIQUID SUPPLY LINE VALVE TO THE SCRUBBER SHALL BE FULLY OPEN WHILE THIS EQUIPMENT IS IN OPERATION.

5) A MECHANICAL GAUGE, INDICATING INCHES OF WATER COLUMN, SHALL BE MAINTAINED SO AS TO INDICATE THE STATIC DIFFERENTIAL PRESSURE ACROSS THE SCRUBBER.

6) THE STATIC DIFFERENTIAL PRESSURE ACROSS THE SCRUBBER SHALL NOT BE LESS THAN 4.0 INCHES OF WATER COLUMN WHILE THIS EQUIPMENT IS IN OPERATION.

7) THE TOTAL AMOUNT OF SLUDGE, NOT COUNTING WATER (I.E. ON A DRY BASIS), CHARGED TO THE SLUDGE DRYER SHALL NOT EXCEED 22.6 TONS IN ANY ONE CALENDAR YEAR.

FILE COPY

CONTINUATION OF PERMIT TO OPERATE

8) FOR THE PURPOSES OF COMPLYING WITH CONDITION NO. 7, THE WATER CONTENT OF THE SLUDGE SHALL BE DETERMINED NOT LESS THAN ONCE EACH CALENDAR YEAR, AND MORE OFTEN IF NECESSARY, AT A TIME THAT SLUDGE MATERIAL IS SHIPPED OFFSITE FOR DISPOSAL OR RECYCLING.

9) CHROMIUM CONCENTRATIONS IN THE DRIED SLUDGE SHALL NOT EXCEED 28.9 WEIGHT PERCENT AVERAGED ANNUALLY.

10) A LOG CONCERNING THE OPERATION OF THIS EQUIPMENT SHALL BE KEPT ON FILE FOR A MINIMUM OF FIVE YEARS. THE PAST TWO YEARS' RECORDS SHALL BE KEPT ON SITE AND SHALL BE MADE AVAILABLE UPON THE REQUEST OF AQMD PERSONNEL. THIS LOG SHALL CONTAIN THE FOLLOWING INFORMATION:

A. THE TOTAL AMOUNT OF SLUDGE, IN TONS PER YEAR, ON A DRY BASIS, CHARGED TO THE SLUDGE DRYER. THIS INFORMATION SHALL BE BASED ON BILLS OF LADING, OR OTHER EQUIVALENT RECORDS, FOR MATERIAL WHICH IS SHIPPED OFFSITE FOR DISPOSAL OR RECYCLING.

B. ANNUAL MATERIAL COMPOSITION INFORMATION, INCLUDING THE MOISTURE CONTENT OF THE SLUDGE AND THE METALS CONTENT OF THE SLUDGE. THIS INFORMATION SHALL INCLUDE, BUT IS NOT LIMITED TO, TOTAL CHROMIUM.

NOTICE

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EXECUTIVE OFFICER

Dorris M. Bailey

By Dorris M. Bailey/ld02
8/22/2001

FILE COPY

SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT
21865 East Copley Drive, Diamond Bar, CA 91765

PERMIT TO OPERATE

Permit No.
R-F49948
A/N 341799

This initial permit must be renewed ANNUALLY unless the equipment is moved, or changes ownership.
If the billing for annual renewal fee (Rule 301.f) is not received by the expiration date, contact the District.

Legal Owner
or Operator: BOWMAN PLATING CO INC.
2631 E 126TH ST.
COMPTON, CA 90222

ID 18989

Equipment Location: 2631 E 126TH ST. COMPTON CA 90222

Equipment Description:

ZINC BARREL PLATING LINE CONSISTING OF THE FOLLOWING:

1. TANK NO. 151, ZINC PLATE, ALKALINE CYANIDE, 4'-0" W. X 11'-10" L. X 3'-1" H., WITH A 18 VOLT, 3,000 AMPERE RECTIFIER.

2. ASSOCIATED DRAGOUT AND RINSE TANKS.

Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN COMPLIANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED, UNLESS OTHERWISE NOTED BELOW.

2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.

3. THIS EQUIPMENT SHALL BE OPERATED IN COMPLIANCE WITH ALL APPLICABLE AQMD RULES.

4. MATERIALS USED IN THIS EQUIPMENT SHALL NOT CONTAIN ANY COMPOUNDS IDENTIFIED IN RULE 1401, AS AMENDED ON DECEMBER 7, 1990.

5. MATERIAL SAFETY DATA SHEETS FOR ALL RAW MATERIALS USED AT THIS FACILITY SHALL BE KEPT CURRENT AND SHALL BE MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST.

THIS PERMIT TO OPERATE R-F49948 SUPERSEDES PERMIT TO OPERATE F42851 DATED 03/12/2002.

FILE

PERMIT TO OPERATE

CONTINUATION OF PERMIT TO OPERATE

NOTICE

IN ACCORDANCE WITH RULE 206, THIS PERMIT TO OPERATE OR COPY SHALL BE POSTED ON OR WITHIN 8 METERS OF THE EQUIPMENT.

THIS PERMIT DOES NOT AUTHORIZE THE EMISSION OF AIR CONTAMINANTS IN EXCESS OF THOSE ALLOWED BY DIVISION 26 OF THE HEALTH AND SAFETY CODE OF THE STATE OF CALIFORNIA OR THE RULES OF THE AIR QUALITY MANAGEMENT DISTRICT. THIS PERMIT CANNOT BE CONSIDERED AS PERMISSION TO VIOLATE EXISTING LAWS, ORDINANCES, REGULATIONS OR STATUTES OF OTHER GOVERNMENT AGENCIES. .

EXECUTIVE OFFICER

Dorris M. Bailey

By Dorris M. Bailey/ma
04/14/2004

FILE

SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT
21865 East Copley Drive, Diamond Bar, CA 91765

PERMIT TO OPERATE

Permit No.
F16273
A/N 341796

This **initial permit must be renewed ANNUALLY unless the equipment is moved, or changes ownership.**
If the **billing for annual renewal fee (Rule 301.f) is not received by the expiration date, contact the District.**

LEGAL OWNER
OR OPERATOR: BOWMAN PLATING CO INC
2631 E 126THOX 3105 ST
COMPTON, CA 90222

ID 018989

Equipment Location: 2631 E 126TH ST, COMPTON, CA 90222-1599

Equipment Description:

BARREL CADMIUM PLATING LINE CONSISTING OF:

1. TANK NO. 150, BARREL CADMIUM PLATING, 3'-11 1/2" W. X 11'-11" L. X 2'-8 1/2" D., UNHEATED, MECHANICAL SPARGING, WITH A 12 VOLT, 800 AMPERE RECTIFIER, VENTED TO AN AIR POLLUTION CONTROL SYSTEM.

2. ASSOCIATED WATER RINSE TANKS.

Conditions:

1) OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.

2) THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.

3) THIS EQUIPMENT SHALL NOT BE OPERATED UNLESS IT IS VENTED TO AIR POLLUTION CONTROL EQUIPMENT WHICH HAS BEEN ISSUED A VALID PERMIT BY THE EXECUTIVE OFFICER.

4) BARREL CADMIUM TANK NO. 150 SHALL NOT BE HEATED.

5) THIS EQUIPMENT SHALL BE EQUIPPED WITH A NON-RESETTABLE, TOTALIZING AMPERE-HOUR METER THAT MEASURES PLATING CURRENT INTEGRATED OVER TIME.

6) THE TOTAL AMPERE-HOURS OF PLATING CURRENT APPLIED TO THE BARREL CADMIUM PLATING TANK NO. 150 AT THIS FACILITY SHALL NOT EXCEED 1,037,000 PER YEAR.

7) THE WEIGHT CONCENTRATION OF CADMIUM OXIDE AND CADMIUM METAL USED IN THE ABOVE TANK SHALL NOT EXCEED 4.4 OZ/GAL AND 4.3 OZ/GAL, RESPECTIVELY.

FILE COPY

CONTINUATION OF PERMIT TO OPERATE

8) WHENEVER THIS EQUIPMENT IS IN OPERATION, THE OPERATOR SHALL RECORD THE FOLLOWING:
A. AT LEAST ONCE A DAY, THE AMPERE-HOUR READING FROM THE NON-RESETTABLE, TOTALIZING AMPERE-HOUR METER, AND THE CUMULATIVE AMPERE-HOURS APPLIED IN THE PRESENT CALENDAR YEAR.
B. THE WEIGHT CONCENTRATION OF CADMIUM OXIDE AND CADMIUM METAL IN THE TANK DURING REPLENISHMENT.

9) THE OPERATOR SHALL KEEP RECORDS IN A FORMAT APPROVED BY THE DISTRICT. SUCH RECORDS SHALL BE RETAINED FOR AT LEAST TWO YEARS AND BE MADE AVAILABLE UPON REQUEST OF THE EXECUTIVE OFFICER OR HIS REPRESENTATIVE.

NOTICE

IN ACCORDANCE WITH RULE 206, THIS PERMIT TO OPERATE OR COPY SHALL BE POSTED ON OR WITHIN 8 METERS OF THE EQUIPMENT.

THIS PERMIT DOES NOT AUTHORIZE THE EMISSION OF AIR CONTAMINANTS IN EXCESS OF THOSE ALLOWED BY DIVISION 26 OF THE HEALTH AND SAFETY CODE OF THE STATE OF CALIFORNIA OR THE RULES OF THE AIR QUALITY MANAGEMENT DISTRICT. THIS PERMIT CANNOT BE CONSIDERED AS PERMISSION TO VIOLATE EXISTING LAWS, ORDINANCES, REGULATIONS OR STATUTES OF OTHER GOVERNMENT AGENCIES.

EXECUTIVE OFFICER

Dorris M. Bailey

By Dorris M. Bailey/am
10/01/1998

FILE COPY

SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT
21865 East Copley Drive, Diamond Bar, CA 91765

PERMIT TO OPERATE

Permit No. D56896
A/N 186346 Page 1

This initial permit shall be renewed ANNUALLY unless the equipment is moved, or changes, ownership.
If the billing for annual renewal fee (Rule 301.f) is not received by the expiration date, contact the District.

Legal Owner
or Operator: BOWMAN PLATING CO INC
P O BOX 3105
COMPTON, CA 90223
ATTN: THOMAS MORRISON

ID: 018989

Equipment
located at : 2631 E 126TH ST, COMPTON, CA 90222-1599

Equipment Description:

CADMIUM PLATING LINE CONSISTING OF:

1. CADMIUM IRIDITE, TANK No. 123, 8'-0" L X2'-6" W X 2'-6" H, UNHEATED.

2. METAL SURFACE CLEANING, TANK No. 132, 2'-7" L X2'-6" W X 2'-0" H, UNHEATED.

Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN COMPLIANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.

2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.

3. THE FOLLOWING TANK(S) SHALL NOT BE HEATED:

   CADMIUM IRIDITE TANK NO. 123.
   METAL SURFACE CLEANING TANK NO. 132.

FILE COPY

SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT
21865 East Copley Drive, Diamond Bar, CA 91765

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EXECUTIVE OFFICER

Dorris M. Bailey

By Dorris M. Bailey
September 3, 1992

FILE COPY

APPENDIX D: RESIDENTIAL CANCER, CHRONIC AND ACUTE RISK BY RECEPTOR

File: C:\01_Modeling\Bowman\07_HARP\M6_20141015\Residential\RISK.csv

1-2017 GRID
2018-2084 SCHOOL 1
2085-2122 SCHOOL 2
2123-2135 DAYCARE 1
2136-2155 DAYCARE 2
2156-2164 DAYCARE 3
2165-2246 CENSUS DATA
2247-2273 BOUNDARY

Receptor	Type	Cancer Risk	Chronic HI	Acute Simp HI	Acute Max HI	UTME	UTMN	ZONE
1	GRID	8.08E-07	5.41E-03	1.34E-02	-1.00E+00	386530.2	3753572	11
2	GRID	8.78E-07	5.58E-03	1.38E-02	-1.00E+00	386530.2	3753592	11
3	GRID	9.63E-07	5.81E-03	1.44E-02	-1.00E+00	386530.2	3753612	11
4	GRID	1.06E-06	5.93E-03	1.49E-02	-1.00E+00	386530.2	3753632	11
5	GRID	1.18E-06	6.04E-03	1.53E-02	-1.00E+00	386530.2	3753652	11
6	GRID	1.34E-06	6.20E-03	1.58E-02	-1.00E+00	386530.2	3753672	11
7	GRID	1.52E-06	6.36E-03	1.63E-02	-1.00E+00	386530.2	3753692	11
8	GRID	1.66E-06	6.44E-03	1.66E-02	-1.00E+00	386530.2	3753712	11
9	GRID	1.82E-06	6.53E-03	1.68E-02	-1.00E+00	386530.2	3753732	11
10	GRID	2.00E-06	6.60E-03	1.70E-02	-1.00E+00	386530.2	3753752	11
11	GRID	2.13E-06	6.67E-03	1.71E-02	-1.00E+00	386530.2	3753772	11
12	GRID	2.16E-06	6.72E-03	1.71E-02	-1.00E+00	386530.2	3753792	11
13	GRID	2.09E-06	6.73E-03	1.70E-02	-1.00E+00	386530.2	3753812	11
14	GRID	1.95E-06	6.67E-03	1.69E-02	-1.00E+00	386530.2	3753832	11
15	GRID	1.76E-06	6.56E-03	1.67E-02	-1.00E+00	386530.2	3753852	11
16	GRID	1.56E-06	6.39E-03	1.64E-02	-1.00E+00	386530.2	3753872	11
17	GRID	1.39E-06	6.19E-03	1.60E-02	-1.00E+00	386530.2	3753892	11
18	GRID	1.28E-06	5.97E-03	1.57E-02	-1.00E+00	386530.2	3753912	11
19	GRID	1.20E-06	5.75E-03	1.52E-02	-1.00E+00	386530.2	3753932	11
20	GRID	1.14E-06	5.53E-03	1.48E-02	-1.00E+00	386530.2	3753952	11
21	GRID	1.07E-06	5.33E-03	1.43E-02	-1.00E+00	386530.2	3753972	11
22	GRID	8.90E-07	5.74E-03	1.39E-02	-1.00E+00	386550.2	3753572	11
23	GRID	9.84E-07	5.94E-03	1.44E-02	-1.00E+00	386550.2	3753592	11
24	GRID	1.09E-06	6.22E-03	1.51E-02	-1.00E+00	386550.2	3753612	11
25	GRID	1.19E-06	6.37E-03	1.56E-02	-1.00E+00	386550.2	3753632	11
26	GRID	1.32E-06	6.51E-03	1.60E-02	-1.00E+00	386550.2	3753652	11
27	GRID	1.50E-06	6.68E-03	1.66E-02	-1.00E+00	386550.2	3753672	11
28	GRID	1.71E-06	6.88E-03	1.72E-02	-1.00E+00	386550.2	3753692	11
29	GRID	1.91E-06	6.98E-03	1.76E-02	-1.00E+00	386550.2	3753712	11
30	GRID	2.10E-06	7.07E-03	1.79E-02	-1.00E+00	386550.2	3753732	11
31	GRID	2.32E-06	7.16E-03	1.81E-02	-1.00E+00	386550.2	3753752	11
32	GRID	2.48E-06	7.24E-03	1.82E-02	-1.00E+00	386550.2	3753772	11
33	GRID	2.51E-06	7.30E-03	1.83E-02	-1.00E+00	386550.2	3753792	11
34	GRID	2.40E-06	7.30E-03	1.82E-02	-1.00E+00	386550.2	3753812	11
35	GRID	2.20E-06	7.22E-03	1.80E-02	-1.00E+00	386550.2	3753832	11
36	GRID	1.96E-06	7.07E-03	1.77E-02	-1.00E+00	386550.2	3753852	11
37	GRID	1.73E-06	6.86E-03	1.73E-02	-1.00E+00	386550.2	3753872	11
38	GRID	1.58E-06	6.62E-03	1.69E-02	-1.00E+00	386550.2	3753892	11
39	GRID	1.48E-06	6.37E-03	1.64E-02	-1.00E+00	386550.2	3753912	11
40	GRID	1.40E-06	6.12E-03	1.60E-02	-1.00E+00	386550.2	3753932	11
41	GRID	1.32E-06	5.88E-03	1.55E-02	-1.00E+00	386550.2	3753952	11
42	GRID	1.23E-06	5.65E-03	1.49E-02	-1.00E+00	386550.2	3753972	11
43	GRID	9.64E-07	6.08E-03	1.44E-02	-1.00E+00	386570.2	3753572	11
44	GRID	1.09E-06	6.32E-03	1.49E-02	-1.00E+00	386570.2	3753592	11
45	GRID	1.23E-06	6.66E-03	1.57E-02	-1.00E+00	386570.2	3753612	11
46	GRID	1.35E-06	6.86E-03	1.63E-02	-1.00E+00	386570.2	3753632	11
47	GRID	1.49E-06	7.04E-03	1.69E-02	-1.00E+00	386570.2	3753652	11
48	GRID	1.69E-06	7.33E-03	1.77E-02	-1.00E+00	386570.2	3753672	11
49	GRID	1.94E-06	7.47E-03	1.83E-02	-1.00E+00	386570.2	3753692	11
50	GRID	2.19E-06	7.59E-03	1.87E-02	-1.00E+00	386570.2	3753712	11
51	GRID	2.45E-06	7.70E-03	1.91E-02	-1.00E+00	386570.2	3753732	11
52	GRID	2.72E-06	7.80E-03	1.94E-02	-1.00E+00	386570.2	3753752	11
53	GRID	2.92E-06	7.89E-03	1.95E-02	-1.00E+00	386570.2	3753772	11
54	GRID	2.92E-06	7.96E-03	1.95E-02	-1.00E+00	386570.2	3753792	11
55	GRID	2.73E-06	7.95E-03	1.95E-02	-1.00E+00	386570.2	3753812	11
56	GRID	2.45E-06	7.84E-03	1.92E-02	-1.00E+00	386570.2	3753832	11
57	GRID	2.17E-06	7.64E-03	1.89E-02	-1.00E+00	386570.2	3753852	11
58	GRID	1.97E-06	7.39E-03	1.84E-02	-1.00E+00	386570.2	3753872	11
59	GRID	1.83E-06	7.11E-03	1.79E-02	-1.00E+00	386570.2	3753892	11
60	GRID	1.73E-06	6.81E-03	1.73E-02	-1.00E+00	386570.2	3753912	11
61	GRID	1.63E-06	6.53E-03	1.67E-02	-1.00E+00	386570.2	3753932	11
62	GRID	1.52E-06	6.26E-03	1.62E-02	-1.00E+00	386570.2	3753952	11
63	GRID	1.40E-06	6.01E-03	1.56E-02	-1.00E+00	386570.2	3753972	11
64	GRID	1.02E-06	6.41E-03	1.49E-02	-1.00E+00	386590.2	3753572	11
65	GRID	1.17E-06	6.71E-03	1.56E-02	-1.00E+00	386590.2	3753592	11
66	GRID	1.36E-06	7.13E-03	1.64E-02	-1.00E+00	386590.2	3753612	11
67	GRID	1.53E-06	7.39E-03	1.71E-02	-1.00E+00	386590.2	3753632	11
68	GRID	1.70E-06	7.61E-03	1.78E-02	-1.00E+00	386590.2	3753652	11
69	GRID	1.91E-06	7.83E-03	1.85E-02	-1.00E+00	386590.2	3753672	11
70	GRID	2.16E-06	8.15E-03	1.95E-02	-1.00E+00	386590.2	3753692	11
71	GRID	2.47E-06	8.29E-03	2.01E-02	-1.00E+00	386590.2	3753712	11
72	GRID	2.80E-06	8.43E-03	2.04E-02	-1.00E+00	386590.2	3753732	11
73	GRID	3.16E-06	8.55E-03	2.07E-02	-1.00E+00	386590.2	3753752	11
74	GRID	3.42E-06	8.66E-03	2.10E-02	-1.00E+00	386590.2	3753772	11
75	GRID	3.37E-06	8.73E-03	2.10E-02	-1.00E+00	386590.2	3753792	11
76	GRID	3.08E-06	8.70E-03	2.11E-02	-1.00E+00	386590.2	3753812	11
77	GRID	2.71E-06	8.55E-03	2.07E-02	-1.00E+00	386590.2	3753832	11
78	GRID	2.43E-06	8.30E-03	2.01E-02	-1.00E+00	386590.2	3753852	11
79	GRID	2.27E-06	7.99E-03	1.97E-02	-1.00E+00	386590.2	3753872	11
80	GRID	2.17E-06	7.65E-03	1.90E-02	-1.00E+00	386590.2	3753892	11
81	GRID	2.04E-06	7.31E-03	1.83E-02	-1.00E+00	386590.2	3753912	11
82	GRID	1.90E-06	6.99E-03	1.76E-02	-1.00E+00	386590.2	3753932	11
83	GRID	1.74E-06	6.69E-03	1.69E-02	-1.00E+00	386590.2	3753952	11
84	GRID	1.56E-06	6.41E-03	1.62E-02	-1.00E+00	386590.2	3753972	11
85	GRID	1.06E-06	6.73E-03	1.54E-02	-1.00E+00	386610.2	3753572	11
86	GRID	1.23E-06	7.09E-03	1.62E-02	-1.00E+00	386610.2	3753592	11

Receptor	Type	Cancer	Chronic	Acute Simp	Acute Max	UTME	UTMN	ZONE
87	GRID	1.45E-06	7.52E-03	1.70E-02	-1.00E+00	386610.2	3753612	11
88	GRID	1.70E-06	7.95E-03	1.80E-02	-1.00E+00	386610.2	3753632	11
89	GRID	1.90E-06	8.26E-03	1.88E-02	-1.00E+00	386610.2	3753652	11
90	GRID	2.08E-06	8.51E-03	1.97E-02	-1.00E+00	386610.2	3753672	11
91	GRID	2.35E-06	8.83E-03	2.06E-02	-1.00E+00	386610.2	3753692	11
92	GRID	2.72E-06	9.12E-03	2.14E-02	-1.00E+00	386610.2	3753712	11
93	GRID	3.18E-06	9.29E-03	2.19E-02	-1.00E+00	386610.2	3753732	11
94	GRID	3.69E-06	9.44E-03	2.23E-02	-1.00E+00	386610.2	3753752	11
95	GRID	4.04E-06	9.57E-03	2.26E-02	-1.00E+00	386610.2	3753772	11
96	GRID	3.89E-06	9.65E-03	2.27E-02	-1.00E+00	386610.2	3753792	11
97	GRID	3.41E-06	9.60E-03	2.28E-02	-1.00E+00	386610.2	3753812	11
98	GRID	2.99E-06	9.38E-03	2.21E-02	-1.00E+00	386610.2	3753832	11
99	GRID	2.79E-06	9.06E-03	2.17E-02	-1.00E+00	386610.2	3753852	11
100	GRID	2.70E-06	8.67E-03	2.11E-02	-1.00E+00	386610.2	3753872	11
101	GRID	2.56E-06	8.27E-03	2.02E-02	-1.00E+00	386610.2	3753892	11
102	GRID	2.38E-06	7.88E-03	1.93E-02	-1.00E+00	386610.2	3753912	11
103	GRID	2.15E-06	7.52E-03	1.86E-02	-1.00E+00	386610.2	3753932	11
104	GRID	1.91E-06	7.17E-03	1.77E-02	-1.00E+00	386610.2	3753952	11
105	GRID	1.68E-06	6.85E-03	1.69E-02	-1.00E+00	386610.2	3753972	11
106	GRID	1.07E-06	7.03E-03	1.60E-02	-1.00E+00	386630.2	3753572	11
107	GRID	1.27E-06	7.48E-03	1.68E-02	-1.00E+00	386630.2	3753592	11
108	GRID	1.53E-06	8.09E-03	1.80E-02	-1.00E+00	386630.2	3753612	11
109	GRID	1.79E-06	8.54E-03	1.89E-02	-1.00E+00	386630.2	3753632	11
110	GRID	2.02E-06	8.96E-03	1.99E-02	-1.00E+00	386630.2	3753652	11
111	GRID	2.26E-06	9.32E-03	2.06E-02	-1.00E+00	386630.2	3753672	11
112	GRID	2.52E-06	9.61E-03	2.18E-02	-1.00E+00	386630.2	3753692	11
113	GRID	2.94E-06	9.85E-03	2.25E-02	-1.00E+00	386630.2	3753712	11
114	GRID	3.54E-06	1.03E-02	2.39E-02	-1.00E+00	386630.2	3753732	11
115	GRID	4.29E-06	1.05E-02	2.42E-02	-1.00E+00	386630.2	3753752	11
116	GRID	4.79E-06	1.07E-02	2.44E-02	-1.00E+00	386630.2	3753772	11
117	GRID	4.44E-06	1.08E-02	2.45E-02	-1.00E+00	386630.2	3753792	11
118	GRID	3.78E-06	1.07E-02	2.47E-02	-1.00E+00	386630.2	3753812	11
119	GRID	3.42E-06	1.04E-02	2.42E-02	-1.00E+00	386630.2	3753832	11
120	GRID	3.29E-06	9.95E-03	2.33E-02	-1.00E+00	386630.2	3753852	11
121	GRID	3.18E-06	9.47E-03	2.21E-02	-1.00E+00	386630.2	3753872	11
122	GRID	2.96E-06	8.98E-03	2.14E-02	-1.00E+00	386630.2	3753892	11
123	GRID	2.65E-06	8.53E-03	2.06E-02	-1.00E+00	386630.2	3753912	11
124	GRID	2.33E-06	8.11E-03	1.95E-02	-1.00E+00	386630.2	3753932	11
125	GRID	2.03E-06	7.71E-03	1.85E-02	-1.00E+00	386630.2	3753952	11
126	GRID	1.77E-06	7.33E-03	1.76E-02	-1.00E+00	386630.2	3753972	11
127	GRID	1.06E-06	7.29E-03	1.65E-02	-1.00E+00	386650.2	3753572	11
128	GRID	1.27E-06	7.80E-03	1.75E-02	-1.00E+00	386650.2	3753592	11
129	GRID	1.54E-06	8.47E-03	1.87E-02	-1.00E+00	386650.2	3753612	11
130	GRID	1.79E-06	9.12E-03	1.98E-02	-1.00E+00	386650.2	3753632	11
131	GRID	2.06E-06	9.69E-03	2.10E-02	-1.00E+00	386650.2	3753652	11
132	GRID	2.35E-06	1.02E-02	2.23E-02	-1.00E+00	386650.2	3753672	11
133	GRID	2.69E-06	1.06E-02	2.32E-02	-1.00E+00	386650.2	3753692	11
134	GRID	3.06E-06	1.10E-02	2.39E-02	-1.00E+00	386650.2	3753712	11
135	GRID	3.73E-06	1.12E-02	2.51E-02	-1.00E+00	386650.2	3753732	11
136	GRID	4.79E-06	1.17E-02	2.57E-02	-1.00E+00	386650.2	3753752	11
137	GRID	4.39E-06	1.20E-02	2.65E-02	-1.00E+00	386650.2	3753812	11
138	GRID	4.12E-06	1.16E-02	2.57E-02	-1.00E+00	386650.2	3753832	11
139	GRID	3.88E-06	1.10E-02	2.52E-02	-1.00E+00	386650.2	3753852	11
140	GRID	3.58E-06	1.04E-02	2.43E-02	-1.00E+00	386650.2	3753872	11
141	GRID	3.25E-06	9.82E-03	2.30E-02	-1.00E+00	386650.2	3753892	11
142	GRID	2.83E-06	9.29E-03	2.15E-02	-1.00E+00	386650.2	3753912	11
143	GRID	2.44E-06	8.79E-03	2.04E-02	-1.00E+00	386650.2	3753932	11
144	GRID	2.11E-06	8.31E-03	1.93E-02	-1.00E+00	386650.2	3753952	11
145	GRID	1.82E-06	7.83E-03	1.83E-02	-1.00E+00	386650.2	3753972	11
146	GRID	1.01E-06	7.50E-03	1.70E-02	-1.00E+00	386670.2	3753572	11
147	GRID	1.22E-06	8.09E-03	1.80E-02	-1.00E+00	386670.2	3753592	11
148	GRID	1.48E-06	8.92E-03	1.96E-02	-1.00E+00	386670.2	3753612	11
149	GRID	1.74E-06	9.64E-03	2.06E-02	-1.00E+00	386670.2	3753632	11
150	GRID	2.04E-06	1.04E-02	2.19E-02	-1.00E+00	386670.2	3753652	11
151	GRID	2.38E-06	1.11E-02	2.34E-02	-1.00E+00	386670.2	3753672	11
152	GRID	2.73E-06	1.18E-02	2.49E-02	-1.00E+00	386670.2	3753692	11
153	GRID	2.99E-06	1.24E-02	2.60E-02	-1.00E+00	386670.2	3753712	11
154	GRID	3.52E-06	1.28E-02	2.65E-02	-1.00E+00	386670.2	3753732	11
155	GRID	5.48E-06	1.31E-02	2.76E-02	-1.00E+00	386670.2	3753752	11
156	GRID	5.42E-06	1.38E-02	2.85E-02	-1.00E+00	386670.2	3753812	11
157	GRID	4.88E-06	1.31E-02	2.80E-02	-1.00E+00	386670.2	3753832	11
158	GRID	4.31E-06	1.23E-02	2.70E-02	-1.00E+00	386670.2	3753852	11
159	GRID	3.81E-06	1.15E-02	2.57E-02	-1.00E+00	386670.2	3753872	11
160	GRID	3.36E-06	1.08E-02	2.42E-02	-1.00E+00	386670.2	3753892	11
161	GRID	2.90E-06	1.02E-02	2.25E-02	-1.00E+00	386670.2	3753912	11
162	GRID	2.48E-06	9.55E-03	2.17E-02	-1.00E+00	386670.2	3753932	11
163	GRID	2.13E-06	8.93E-03	2.02E-02	-1.00E+00	386670.2	3753952	11
164	GRID	1.83E-06	8.22E-03	1.91E-02	-1.00E+00	386670.2	3753972	11
165	GRID	9.20E-07	7.66E-03	1.75E-02	-1.00E+00	386690.2	3753572	11
166	GRID	1.11E-06	8.41E-03	1.89E-02	-1.00E+00	386690.2	3753592	11
167	GRID	1.34E-06	9.23E-03	2.02E-02	-1.00E+00	386690.2	3753612	11
168	GRID	1.61E-06	1.01E-02	2.15E-02	-1.00E+00	386690.2	3753632	11
169	GRID	1.92E-06	1.10E-02	2.31E-02	-1.00E+00	386690.2	3753652	11
170	GRID	2.28E-06	1.20E-02	2.46E-02	-1.00E+00	386690.2	3753672	11
171	GRID	2.60E-06	1.31E-02	2.62E-02	-1.00E+00	386690.2	3753692	11
172	GRID	2.68E-06	1.40E-02	2.78E-02	-1.00E+00	386690.2	3753712	11
173	GRID	2.71E-06	1.48E-02	2.84E-02	-1.00E+00	386690.2	3753732	11
174	GRID	5.79E-06	1.54E-02	3.25E-02	-1.00E+00	386690.2	3753752	11
175	GRID	8.03E-06	1.63E-02	3.12E-02	-1.00E+00	386690.2	3753812	11
176	GRID	5.16E-06	1.51E-02	3.01E-02	-1.00E+00	386690.2	3753832	11
177	GRID	4.38E-06	1.40E-02	2.84E-02	-1.00E+00	386690.2	3753852	11
178	GRID	3.77E-06	1.30E-02	2.72E-02	-1.00E+00	386690.2	3753872	11
179	GRID	3.27E-06	1.20E-02	2.53E-02	-1.00E+00	386690.2	3753892	11
180	GRID	2.83E-06	1.12E-02	2.40E-02	-1.00E+00	386690.2	3753912	11
181	GRID	2.41E-06	1.03E-02	2.23E-02	-1.00E+00	386690.2	3753932	11
182	GRID	2.07E-06	9.54E-03	2.10E-02	-1.00E+00	386690.2	3753952	11
183	GRID	1.78E-06	8.77E-03	1.96E-02	-1.00E+00	386690.2	3753972	11

Receptor	Type	Cancer	Chronic	Acute Simp	Acute Max	UTME	UTMN	ZONE
184	GRID	8.68E-07	7.76E-03	1.79E-02	-1.00E+00	386710.2	3753572	11
185	GRID	1.05E-06	8.63E-03	1.94E-02	-1.00E+00	386710.2	3753592	11
186	GRID	1.27E-06	9.44E-03	2.08E-02	-1.00E+00	386710.2	3753612	11
187	GRID	1.54E-06	1.04E-02	2.23E-02	-1.00E+00	386710.2	3753632	11
188	GRID	1.87E-06	1.15E-02	2.38E-02	-1.00E+00	386710.2	3753652	11
189	GRID	2.25E-06	1.28E-02	2.57E-02	-1.00E+00	386710.2	3753672	11
190	GRID	2.53E-06	1.43E-02	2.73E-02	-1.00E+00	386710.2	3753692	11
191	GRID	2.40E-06	1.59E-02	2.92E-02	-1.00E+00	386710.2	3753712	11
192	GRID	3.14E-06	1.75E-02	3.18E-02	-1.00E+00	386710.2	3753732	11
193	GRID	1.05E-05	1.99E-02	3.61E-02	-1.00E+00	386710.2	3753812	11
194	GRID	5.41E-06	1.79E-02	3.32E-02	-1.00E+00	386710.2	3753832	11
195	GRID	4.19E-06	1.62E-02	3.28E-02	-1.00E+00	386710.2	3753852	11
196	GRID	3.60E-06	1.48E-02	2.89E-02	-1.00E+00	386710.2	3753872	11
197	GRID	3.09E-06	1.34E-02	2.67E-02	-1.00E+00	386710.2	3753892	11
198	GRID	2.68E-06	1.22E-02	2.50E-02	-1.00E+00	386710.2	3753912	11
199	GRID	2.28E-06	1.11E-02	2.32E-02	-1.00E+00	386710.2	3753932	11
200	GRID	1.96E-06	1.01E-02	2.15E-02	-1.00E+00	386710.2	3753952	11
201	GRID	1.69E-06	9.22E-03	2.01E-02	-1.00E+00	386710.2	3753972	11
202	GRID	8.80E-07	7.80E-03	1.82E-02	-1.00E+00	386730.2	3753572	11
203	GRID	1.07E-06	8.69E-03	1.97E-02	-1.00E+00	386730.2	3753592	11
204	GRID	1.30E-06	9.54E-03	2.10E-02	-1.00E+00	386730.2	3753612	11
205	GRID	1.61E-06	1.06E-02	2.26E-02	-1.00E+00	386730.2	3753632	11
206	GRID	1.98E-06	1.18E-02	2.42E-02	-1.00E+00	386730.2	3753652	11
207	GRID	2.42E-06	1.33E-02	2.63E-02	-1.00E+00	386730.2	3753672	11
208	GRID	2.66E-06	1.52E-02	2.87E-02	-1.00E+00	386730.2	3753692	11
209	GRID	2.53E-06	1.77E-02	3.01E-02	-1.00E+00	386730.2	3753712	11
210	GRID	4.88E-06	2.14E-02	3.39E-02	-1.00E+00	386730.2	3753732	11
211	GRID	9.60E-06	2.61E-02	3.93E-02	-1.00E+00	386730.2	3753812	11
212	GRID	5.38E-06	2.22E-02	4.16E-02	-1.00E+00	386730.2	3753832	11
213	GRID	3.94E-06	1.92E-02	3.49E-02	-1.00E+00	386730.2	3753852	11
214	GRID	3.41E-06	1.68E-02	2.98E-02	-1.00E+00	386730.2	3753872	11
215	GRID	2.94E-06	1.47E-02	2.76E-02	-1.00E+00	386730.2	3753892	11
216	GRID	2.55E-06	1.31E-02	2.52E-02	-1.00E+00	386730.2	3753912	11
217	GRID	2.18E-06	1.17E-02	2.34E-02	-1.00E+00	386730.2	3753932	11
218	GRID	1.87E-06	1.05E-02	2.20E-02	-1.00E+00	386730.2	3753952	11
219	GRID	1.61E-06	9.51E-03	2.07E-02	-1.00E+00	386730.2	3753972	11
220	GRID	9.18E-07	7.90E-03	1.86E-02	-1.00E+00	386750.2	3753572	11
221	GRID	1.11E-06	8.69E-03	2.00E-02	-1.00E+00	386750.2	3753592	11
222	GRID	1.37E-06	9.56E-03	2.17E-02	-1.00E+00	386750.2	3753612	11
223	GRID	1.69E-06	1.06E-02	2.35E-02	-1.00E+00	386750.2	3753632	11
224	GRID	2.09E-06	1.19E-02	2.53E-02	-1.00E+00	386750.2	3753652	11
225	GRID	2.53E-06	1.35E-02	2.77E-02	-1.00E+00	386750.2	3753672	11
226	GRID	2.86E-06	1.57E-02	3.10E-02	-1.00E+00	386750.2	3753692	11
227	GRID	3.20E-06	1.90E-02	3.27E-02	-1.00E+00	386750.2	3753712	11
228	GRID	6.17E-06	2.53E-02	3.70E-02	-1.00E+00	386750.2	3753732	11
229	GRID	1.19E-05	3.74E-02	5.46E-02	-1.00E+00	386750.2	3753812	11
230	GRID	5.23E-06	2.84E-02	4.64E-02	-1.00E+00	386750.2	3753832	11
231	GRID	3.66E-06	2.25E-02	3.29E-02	-1.00E+00	386750.2	3753852	11
232	GRID	3.17E-06	1.85E-02	3.04E-02	-1.00E+00	386750.2	3753872	11
233	GRID	2.74E-06	1.57E-02	2.88E-02	-1.00E+00	386750.2	3753892	11
234	GRID	2.39E-06	1.36E-02	2.66E-02	-1.00E+00	386750.2	3753912	11
235	GRID	2.05E-06	1.20E-02	2.41E-02	-1.00E+00	386750.2	3753932	11
236	GRID	1.77E-06	1.07E-02	2.23E-02	-1.00E+00	386750.2	3753952	11
237	GRID	1.54E-06	9.62E-03	2.08E-02	-1.00E+00	386750.2	3753972	11
238	GRID	9.55E-07	7.97E-03	1.88E-02	-1.00E+00	386770.2	3753572	11
239	GRID	1.15E-06	8.71E-03	2.00E-02	-1.00E+00	386770.2	3753592	11
240	GRID	1.40E-06	9.57E-03	2.14E-02	-1.00E+00	386770.2	3753612	11
241	GRID	1.72E-06	1.06E-02	2.29E-02	-1.00E+00	386770.2	3753632	11
242	GRID	2.12E-06	1.19E-02	2.47E-02	-1.00E+00	386770.2	3753652	11
243	GRID	2.56E-06	1.38E-02	2.78E-02	-1.00E+00	386770.2	3753672	11
244	GRID	3.06E-06	1.59E-02	3.09E-02	-1.00E+00	386770.2	3753692	11
245	GRID	4.22E-06	1.95E-02	3.81E-02	-1.00E+00	386770.2	3753712	11
246	GRID	8.22E-06	2.71E-02	4.69E-02	-1.00E+00	386770.2	3753732	11
247	GRID	1.76E-05	5.28E-02	6.07E-02	-1.00E+00	386770.2	3753812	11
248	GRID	5.52E-06	3.29E-02	5.01E-02	-1.00E+00	386770.2	3753832	11
249	GRID	3.62E-06	2.39E-02	3.96E-02	-1.00E+00	386770.2	3753852	11
250	GRID	2.97E-06	1.89E-02	3.45E-02	-1.00E+00	386770.2	3753872	11
251	GRID	2.54E-06	1.57E-02	2.97E-02	-1.00E+00	386770.2	3753892	11
252	GRID	2.21E-06	1.35E-02	2.61E-02	-1.00E+00	386770.2	3753912	11
253	GRID	1.90E-06	1.19E-02	2.43E-02	-1.00E+00	386770.2	3753932	11
254	GRID	1.65E-06	1.06E-02	2.26E-02	-1.00E+00	386770.2	3753952	11
255	GRID	1.44E-06	9.50E-03	2.10E-02	-1.00E+00	386770.2	3753972	11
256	GRID	9.72E-07	8.04E-03	1.88E-02	-1.00E+00	386790.2	3753572	11
257	GRID	1.16E-06	8.78E-03	2.01E-02	-1.00E+00	386790.2	3753592	11
258	GRID	1.40E-06	9.70E-03	2.18E-02	-1.00E+00	386790.2	3753612	11
259	GRID	1.69E-06	1.09E-02	2.37E-02	-1.00E+00	386790.2	3753632	11
260	GRID	2.05E-06	1.24E-02	2.57E-02	-1.00E+00	386790.2	3753652	11
261	GRID	2.51E-06	1.42E-02	2.77E-02	-1.00E+00	386790.2	3753672	11
262	GRID	3.23E-06	1.65E-02	3.03E-02	-1.00E+00	386790.2	3753692	11
263	GRID	4.95E-06	2.02E-02	3.49E-02	-1.00E+00	386790.2	3753712	11
264	GRID	1.10E-05	2.72E-02	4.53E-02	-1.00E+00	386790.2	3753732	11
265	GRID	2.12E-05	4.61E-02	5.65E-02	-1.00E+00	386790.2	3753812	11
266	GRID	5.73E-06	2.95E-02	4.88E-02	-1.00E+00	386790.2	3753832	11
267	GRID	3.77E-06	2.19E-02	4.05E-02	-1.00E+00	386790.2	3753852	11
268	GRID	2.88E-06	1.76E-02	3.36E-02	-1.00E+00	386790.2	3753872	11
269	GRID	2.38E-06	1.48E-02	2.83E-02	-1.00E+00	386790.2	3753892	11
270	GRID	2.04E-06	1.28E-02	2.59E-02	-1.00E+00	386790.2	3753912	11
271	GRID	1.76E-06	1.13E-02	2.41E-02	-1.00E+00	386790.2	3753932	11
272	GRID	1.53E-06	1.01E-02	2.24E-02	-1.00E+00	386790.2	3753952	11
273	GRID	1.34E-06	9.15E-03	2.09E-02	-1.00E+00	386790.2	3753972	11
274	GRID	9.64E-07	8.16E-03	1.87E-02	-1.00E+00	386810.2	3753572	11
275	GRID	1.15E-06	9.04E-03	2.02E-02	-1.00E+00	386810.2	3753592	11
276	GRID	1.36E-06	1.01E-02	2.18E-02	-1.00E+00	386810.2	3753612	11
277	GRID	1.61E-06	1.12E-02	2.35E-02	-1.00E+00	386810.2	3753632	11
278	GRID	1.95E-06	1.26E-02	2.59E-02	-1.00E+00	386810.2	3753652	11
279	GRID	2.48E-06	1.44E-02	2.81E-02	-1.00E+00	386810.2	3753672	11
280	GRID	3.40E-06	1.68E-02	2.98E-02	-1.00E+00	386810.2	3753692	11

Receptor	Type	Cancer	Chronic	Acute Simp	Acute Max	UTME	UTMN	ZONE
281	GRID	5.18E-06	2.02E-02	3.38E-02	-1.00E+00	386810.2	3753712	11
282	GRID	8.78E-06	2.51E-02	4.24E-02	-1.00E+00	386810.2	3753732	11
283	GRID	1.17E-05	4.07E-02	4.62E-02	-1.00E+00	386810.2	3753812	11
284	GRID	6.39E-06	2.50E-02	3.71E-02	-1.00E+00	386810.2	3753832	11
285	GRID	3.99E-06	1.90E-02	3.25E-02	-1.00E+00	386810.2	3753852	11
286	GRID	2.91E-06	1.56E-02	3.01E-02	-1.00E+00	386810.2	3753872	11
287	GRID	2.31E-06	1.34E-02	2.87E-02	-1.00E+00	386810.2	3753892	11
288	GRID	1.91E-06	1.18E-02	2.65E-02	-1.00E+00	386810.2	3753912	11
289	GRID	1.64E-06	1.06E-02	2.45E-02	-1.00E+00	386810.2	3753932	11
290	GRID	1.42E-06	9.53E-03	2.26E-02	-1.00E+00	386810.2	3753952	11
291	GRID	1.24E-06	8.68E-03	2.07E-02	-1.00E+00	386810.2	3753972	11
292	GRID	9.38E-07	8.36E-03	1.86E-02	-1.00E+00	386830.2	3753572	11
293	GRID	1.10E-06	9.23E-03	2.01E-02	-1.00E+00	386830.2	3753592	11
294	GRID	1.28E-06	1.02E-02	2.16E-02	-1.00E+00	386830.2	3753612	11
295	GRID	1.54E-06	1.13E-02	2.32E-02	-1.00E+00	386830.2	3753632	11
296	GRID	1.90E-06	1.26E-02	2.48E-02	-1.00E+00	386830.2	3753652	11
297	GRID	2.50E-06	1.43E-02	2.66E-02	-1.00E+00	386830.2	3753672	11
298	GRID	3.50E-06	1.62E-02	2.90E-02	-1.00E+00	386830.2	3753692	11
299	GRID	5.26E-06	1.87E-02	3.05E-02	-1.00E+00	386830.2	3753712	11
300	GRID	8.27E-06	2.20E-02	3.79E-02	-1.00E+00	386830.2	3753732	11
301	GRID	1.29E-05	2.78E-02	3.58E-02	-1.00E+00	386830.2	3753752	11
302	GRID	1.72E-05	4.09E-02	3.76E-02	-1.00E+00	386830.2	3753772	11
303	GRID	1.64E-05	5.26E-02	4.47E-02	-1.00E+00	386830.2	3753792	11
304	GRID	1.17E-05	3.86E-02	3.92E-02	-1.00E+00	386830.2	3753812	11
305	GRID	6.95E-06	2.38E-02	3.56E-02	-1.00E+00	386830.2	3753832	11
306	GRID	4.28E-06	1.73E-02	3.29E-02	-1.00E+00	386830.2	3753852	11
307	GRID	3.01E-06	1.41E-02	2.92E-02	-1.00E+00	386830.2	3753872	11
308	GRID	2.30E-06	1.22E-02	2.68E-02	-1.00E+00	386830.2	3753892	11
309	GRID	1.85E-06	1.08E-02	2.48E-02	-1.00E+00	386830.2	3753912	11
310	GRID	1.55E-06	9.78E-03	2.34E-02	-1.00E+00	386830.2	3753932	11
311	GRID	1.33E-06	8.91E-03	2.20E-02	-1.00E+00	386830.2	3753952	11
312	GRID	1.16E-06	8.16E-03	2.06E-02	-1.00E+00	386830.2	3753972	11
313	GRID	8.91E-07	8.44E-03	1.84E-02	-1.00E+00	386850.2	3753572	11
314	GRID	1.03E-06	9.22E-03	1.95E-02	-1.00E+00	386850.2	3753592	11
315	GRID	1.22E-06	1.01E-02	2.10E-02	-1.00E+00	386850.2	3753612	11
316	GRID	1.49E-06	1.11E-02	2.23E-02	-1.00E+00	386850.2	3753632	11
317	GRID	1.90E-06	1.23E-02	2.43E-02	-1.00E+00	386850.2	3753652	11
318	GRID	2.54E-06	1.36E-02	2.57E-02	-1.00E+00	386850.2	3753672	11
319	GRID	3.56E-06	1.51E-02	2.72E-02	-1.00E+00	386850.2	3753692	11
320	GRID	5.16E-06	1.69E-02	2.89E-02	-1.00E+00	386850.2	3753712	11
321	GRID	7.66E-06	1.95E-02	3.05E-02	-1.00E+00	386850.2	3753732	11
322	GRID	1.12E-05	2.45E-02	3.17E-02	-1.00E+00	386850.2	3753752	11
323	GRID	1.46E-05	3.39E-02	3.27E-02	-1.00E+00	386850.2	3753772	11
324	GRID	1.47E-05	4.17E-02	3.73E-02	-1.00E+00	386850.2	3753792	11
325	GRID	1.14E-05	3.54E-02	3.34E-02	-1.00E+00	386850.2	3753812	11
326	GRID	7.36E-06	2.39E-02	3.43E-02	-1.00E+00	386850.2	3753832	11
327	GRID	4.58E-06	1.68E-02	2.93E-02	-1.00E+00	386850.2	3753852	11
328	GRID	3.15E-06	1.33E-02	2.81E-02	-1.00E+00	386850.2	3753872	11
329	GRID	2.35E-06	1.14E-02	2.61E-02	-1.00E+00	386850.2	3753892	11
330	GRID	1.84E-06	1.01E-02	2.47E-02	-1.00E+00	386850.2	3753912	11
331	GRID	1.50E-06	9.11E-03	2.26E-02	-1.00E+00	386850.2	3753932	11
332	GRID	1.26E-06	8.33E-03	2.12E-02	-1.00E+00	386850.2	3753952	11
333	GRID	1.09E-06	7.68E-03	1.99E-02	-1.00E+00	386850.2	3753972	11
334	GRID	8.39E-07	8.36E-03	1.79E-02	-1.00E+00	386870.2	3753572	11
335	GRID	9.82E-07	9.08E-03	1.90E-02	-1.00E+00	386870.2	3753592	11
336	GRID	1.18E-06	9.87E-03	2.04E-02	-1.00E+00	386870.2	3753612	11
337	GRID	1.48E-06	1.07E-02	2.18E-02	-1.00E+00	386870.2	3753632	11
338	GRID	1.92E-06	1.17E-02	2.30E-02	-1.00E+00	386870.2	3753652	11
339	GRID	2.59E-06	1.27E-02	2.44E-02	-1.00E+00	386870.2	3753672	11
340	GRID	3.57E-06	1.38E-02	2.59E-02	-1.00E+00	386870.2	3753692	11
341	GRID	4.99E-06	1.53E-02	2.70E-02	-1.00E+00	386870.2	3753712	11
342	GRID	7.09E-06	1.77E-02	2.93E-02	-1.00E+00	386870.2	3753732	11
343	GRID	9.86E-06	2.22E-02	2.99E-02	-1.00E+00	386870.2	3753752	11
344	GRID	1.26E-05	2.91E-02	3.09E-02	-1.00E+00	386870.2	3753772	11
345	GRID	1.31E-05	3.46E-02	3.14E-02	-1.00E+00	386870.2	3753792	11
346	GRID	1.10E-05	3.19E-02	2.96E-02	-1.00E+00	386870.2	3753812	11
347	GRID	7.62E-06	2.37E-02	2.84E-02	-1.00E+00	386870.2	3753832	11
348	GRID	4.89E-06	1.70E-02	2.74E-02	-1.00E+00	386870.2	3753852	11
349	GRID	3.31E-06	1.30E-02	2.58E-02	-1.00E+00	386870.2	3753872	11
350	GRID	2.42E-06	1.09E-02	2.46E-02	-1.00E+00	386870.2	3753892	11
351	GRID	1.87E-06	9.51E-03	2.36E-02	-1.00E+00	386870.2	3753912	11
352	GRID	1.49E-06	8.57E-03	2.21E-02	-1.00E+00	386870.2	3753932	11
353	GRID	1.23E-06	7.84E-03	2.07E-02	-1.00E+00	386870.2	3753952	11
354	GRID	1.04E-06	7.25E-03	1.93E-02	-1.00E+00	386870.2	3753972	11
355	GRID	7.98E-07	8.18E-03	1.74E-02	-1.00E+00	386890.2	3753572	11
356	GRID	9.48E-07	8.80E-03	1.84E-02	-1.00E+00	386890.2	3753592	11
357	GRID	1.16E-06	9.47E-03	1.95E-02	-1.00E+00	386890.2	3753612	11
358	GRID	1.47E-06	1.02E-02	2.08E-02	-1.00E+00	386890.2	3753632	11
359	GRID	1.93E-06	1.09E-02	2.20E-02	-1.00E+00	386890.2	3753652	11
360	GRID	2.59E-06	1.17E-02	2.31E-02	-1.00E+00	386890.2	3753672	11
361	GRID	3.52E-06	1.27E-02	2.41E-02	-1.00E+00	386890.2	3753692	11
362	GRID	4.78E-06	1.41E-02	2.56E-02	-1.00E+00	386890.2	3753712	11
363	GRID	6.55E-06	1.64E-02	2.62E-02	-1.00E+00	386890.2	3753732	11
364	GRID	8.82E-06	2.03E-02	2.70E-02	-1.00E+00	386890.2	3753752	11
365	GRID	1.10E-05	2.55E-02	2.85E-02	-1.00E+00	386890.2	3753772	11
366	GRID	1.17E-05	2.96E-02	2.82E-02	-1.00E+00	386890.2	3753792	11
367	GRID	1.04E-05	2.86E-02	2.72E-02	-1.00E+00	386890.2	3753812	11
368	GRID	7.71E-06	2.31E-02	2.64E-02	-1.00E+00	386890.2	3753832	11
369	GRID	5.16E-06	1.71E-02	2.57E-02	-1.00E+00	386890.2	3753852	11
370	GRID	3.49E-06	1.31E-02	2.44E-02	-1.00E+00	386890.2	3753872	11
371	GRID	2.50E-06	1.06E-02	2.33E-02	-1.00E+00	386890.2	3753892	11
372	GRID	1.90E-06	9.16E-03	2.20E-02	-1.00E+00	386890.2	3753912	11
373	GRID	1.51E-06	8.17E-03	2.13E-02	-1.00E+00	386890.2	3753932	11
374	GRID	1.22E-06	7.45E-03	1.99E-02	-1.00E+00	386890.2	3753952	11
375	GRID	1.02E-06	6.88E-03	1.87E-02	-1.00E+00	386890.2	3753972	11
376	GRID	7.69E-07	7.90E-03	1.69E-02	-1.00E+00	386910.2	3753572	11
377	GRID	9.25E-07	8.43E-03	1.78E-02	-1.00E+00	386910.2	3753592	11

Receptor	Type	Cancer	Chronic	Acute Simp	Acute Max	UTME	UTMN	ZONE
378	GRID	1.15E-06	8.99E-03	1.88E-02	-1.00E+00	386910.2	3753612	11
379	GRID	1.47E-06	9.56E-03	1.99E-02	-1.00E+00	386910.2	3753632	11
380	GRID	1.93E-06	1.02E-02	2.09E-02	-1.00E+00	386910.2	3753652	11
381	GRID	2.57E-06	1.09E-02	2.18E-02	-1.00E+00	386910.2	3753672	11
382	GRID	3.41E-06	1.18E-02	2.28E-02	-1.00E+00	386910.2	3753692	11
383	GRID	4.52E-06	1.32E-02	2.43E-02	-1.00E+00	386910.2	3753712	11
384	GRID	6.04E-06	1.53E-02	2.51E-02	-1.00E+00	386910.2	3753732	11
385	GRID	7.87E-06	1.86E-02	2.57E-02	-1.00E+00	386910.2	3753752	11
386	GRID	9.67E-06	2.27E-02	2.62E-02	-1.00E+00	386910.2	3753772	11
387	GRID	1.05E-05	2.59E-02	2.59E-02	-1.00E+00	386910.2	3753792	11
388	GRID	9.69E-06	2.57E-02	2.57E-02	-1.00E+00	386910.2	3753812	11
389	GRID	7.62E-06	2.20E-02	2.45E-02	-1.00E+00	386910.2	3753832	11
390	GRID	5.37E-06	1.71E-02	2.38E-02	-1.00E+00	386910.2	3753852	11
391	GRID	3.66E-06	1.32E-02	2.32E-02	-1.00E+00	386910.2	3753872	11
392	GRID	2.58E-06	1.06E-02	2.21E-02	-1.00E+00	386910.2	3753892	11
393	GRID	1.95E-06	8.97E-03	2.11E-02	-1.00E+00	386910.2	3753912	11
394	GRID	1.53E-06	7.90E-03	2.00E-02	-1.00E+00	386910.2	3753932	11
395	GRID	1.23E-06	7.15E-03	1.91E-02	-1.00E+00	386910.2	3753952	11
396	GRID	1.02E-06	6.57E-03	1.81E-02	-1.00E+00	386910.2	3753972	11
397	GRID	7.50E-07	7.56E-03	1.63E-02	-1.00E+00	386930.2	3753572	11
398	GRID	9.11E-07	8.01E-03	1.71E-02	-1.00E+00	386930.2	3753592	11
399	GRID	1.14E-06	8.46E-03	1.80E-02	-1.00E+00	386930.2	3753612	11
400	GRID	1.46E-06	8.95E-03	1.89E-02	-1.00E+00	386930.2	3753632	11
401	GRID	1.90E-06	9.48E-03	1.97E-02	-1.00E+00	386930.2	3753652	11
402	GRID	2.50E-06	1.01E-02	2.06E-02	-1.00E+00	386930.2	3753672	11
403	GRID	3.26E-06	1.10E-02	2.17E-02	-1.00E+00	386930.2	3753692	11
404	GRID	4.24E-06	1.23E-02	2.22E-02	-1.00E+00	386930.2	3753712	11
405	GRID	5.52E-06	1.43E-02	2.30E-02	-1.00E+00	386930.2	3753732	11
406	GRID	7.04E-06	1.71E-02	2.38E-02	-1.00E+00	386930.2	3753752	11
407	GRID	8.54E-06	2.04E-02	2.41E-02	-1.00E+00	386930.2	3753772	11
408	GRID	9.40E-06	2.29E-02	2.37E-02	-1.00E+00	386930.2	3753792	11
409	GRID	8.95E-06	2.31E-02	2.39E-02	-1.00E+00	386930.2	3753812	11
410	GRID	7.39E-06	2.07E-02	2.29E-02	-1.00E+00	386930.2	3753832	11
411	GRID	5.44E-06	1.68E-02	2.24E-02	-1.00E+00	386930.2	3753852	11
412	GRID	3.78E-06	1.33E-02	2.17E-02	-1.00E+00	386930.2	3753872	11
413	GRID	2.68E-06	1.06E-02	2.09E-02	-1.00E+00	386930.2	3753892	11
414	GRID	1.99E-06	8.89E-03	2.00E-02	-1.00E+00	386930.2	3753912	11
415	GRID	1.55E-06	7.73E-03	1.91E-02	-1.00E+00	386930.2	3753932	11
416	GRID	1.25E-06	6.92E-03	1.82E-02	-1.00E+00	386930.2	3753952	11
417	GRID	1.02E-06	6.33E-03	1.74E-02	-1.00E+00	386930.2	3753972	11
418	GRID	9.97E-08	8.01E-04	2.59E-03	-1.00E+00	385730.2	3752772	11
419	GRID	9.96E-08	8.23E-04	2.67E-03	-1.00E+00	385730.2	3752822	11
420	GRID	1.01E-07	8.49E-04	2.76E-03	-1.00E+00	385730.2	3752872	11
421	GRID	1.01E-07	8.72E-04	2.85E-03	-1.00E+00	385730.2	3752922	11
422	GRID	1.02E-07	8.97E-04	2.93E-03	-1.00E+00	385730.2	3752972	11
423	GRID	1.02E-07	9.21E-04	3.03E-03	-1.00E+00	385730.2	3753022	11
424	GRID	1.02E-07	9.43E-04	3.11E-03	-1.00E+00	385730.2	3753072	11
425	GRID	1.02E-07	9.69E-04	3.20E-03	-1.00E+00	385730.2	3753122	11
426	GRID	1.01E-07	9.89E-04	3.28E-03	-1.00E+00	385730.2	3753172	11
427	GRID	9.97E-08	1.01E-03	3.38E-03	-1.00E+00	385730.2	3753222	11
428	GRID	1.00E-07	1.03E-03	3.46E-03	-1.00E+00	385730.2	3753272	11
429	GRID	1.00E-07	1.05E-03	3.54E-03	-1.00E+00	385730.2	3753322	11
430	GRID	1.00E-07	1.07E-03	3.62E-03	-1.00E+00	385730.2	3753372	11
431	GRID	9.95E-08	1.08E-03	3.68E-03	-1.00E+00	385730.2	3753422	11
432	GRID	9.87E-08	1.10E-03	3.74E-03	-1.00E+00	385730.2	3753472	11
433	GRID	9.86E-08	1.11E-03	3.80E-03	-1.00E+00	385730.2	3753522	11
434	GRID	9.90E-08	1.11E-03	3.89E-03	-1.00E+00	385730.2	3753572	11
435	GRID	1.02E-07	1.12E-03	3.94E-03	-1.00E+00	385730.2	3753622	11
436	GRID	1.05E-07	1.13E-03	4.03E-03	-1.00E+00	385730.2	3753672	11
437	GRID	1.08E-07	1.12E-03	4.12E-03	-1.00E+00	385730.2	3753722	11
438	GRID	1.10E-07	1.11E-03	4.22E-03	-1.00E+00	385730.2	3753772	11
439	GRID	1.12E-07	1.11E-03	4.27E-03	-1.00E+00	385730.2	3753822	11
440	GRID	1.13E-07	1.12E-03	4.27E-03	-1.00E+00	385730.2	3753872	11
441	GRID	1.10E-07	1.09E-03	4.35E-03	-1.00E+00	385730.2	3753922	11
442	GRID	1.09E-07	1.08E-03	4.33E-03	-1.00E+00	385730.2	3753972	11
443	GRID	1.09E-07	1.07E-03	4.27E-03	-1.00E+00	385730.2	3754022	11
444	GRID	1.10E-07	1.05E-03	4.22E-03	-1.00E+00	385730.2	3754072	11
445	GRID	1.10E-07	1.01E-03	4.26E-03	-1.00E+00	385730.2	3754122	11
446	GRID	1.11E-07	9.92E-04	4.19E-03	-1.00E+00	385730.2	3754172	11
447	GRID	1.10E-07	9.64E-04	4.10E-03	-1.00E+00	385730.2	3754222	11
448	GRID	1.08E-07	9.14E-04	4.12E-03	-1.00E+00	385730.2	3754272	11
449	GRID	1.05E-07	8.80E-04	4.04E-03	-1.00E+00	385730.2	3754322	11
450	GRID	1.01E-07	8.11E-04	4.10E-03	-1.00E+00	385730.2	3754372	11
451	GRID	9.88E-08	7.65E-04	4.06E-03	-1.00E+00	385730.2	3754422	11
452	GRID	9.82E-08	7.24E-04	4.19E-03	-1.00E+00	385730.2	3754472	11
453	GRID	9.97E-08	7.03E-04	4.09E-03	-1.00E+00	385730.2	3754522	11
454	GRID	1.02E-07	6.85E-04	4.02E-03	-1.00E+00	385730.2	3754572	11
455	GRID	1.04E-07	6.70E-04	3.92E-03	-1.00E+00	385730.2	3754622	11
456	GRID	1.07E-07	6.59E-04	3.75E-03	-1.00E+00	385730.2	3754672	11
457	GRID	1.09E-07	6.51E-04	3.52E-03	-1.00E+00	385730.2	3754722	11
458	GRID	1.11E-07	6.36E-04	3.42E-03	-1.00E+00	385730.2	3754772	11
459	GRID	1.01E-07	8.35E-04	2.68E-03	-1.00E+00	385780.2	3752772	11
460	GRID	1.01E-07	8.60E-04	2.76E-03	-1.00E+00	385780.2	3752822	11
461	GRID	1.01E-07	8.85E-04	2.85E-03	-1.00E+00	385780.2	3752872	11
462	GRID	1.02E-07	9.15E-04	2.95E-03	-1.00E+00	385780.2	3752922	11
463	GRID	1.03E-07	9.40E-04	3.05E-03	-1.00E+00	385780.2	3752972	11
464	GRID	1.04E-07	9.69E-04	3.15E-03	-1.00E+00	385780.2	3753022	11
465	GRID	1.04E-07	9.95E-04	3.24E-03	-1.00E+00	385780.2	3753072	11
466	GRID	1.04E-07	1.02E-03	3.33E-03	-1.00E+00	385780.2	3753122	11
467	GRID	1.04E-07	1.05E-03	3.43E-03	-1.00E+00	385780.2	3753172	11
468	GRID	1.02E-07	1.07E-03	3.52E-03	-1.00E+00	385780.2	3753222	11
469	GRID	1.02E-07	1.09E-03	3.63E-03	-1.00E+00	385780.2	3753272	11
470	GRID	1.03E-07	1.12E-03	3.72E-03	-1.00E+00	385780.2	3753322	11
471	GRID	1.03E-07	1.14E-03	3.81E-03	-1.00E+00	385780.2	3753372	11
472	GRID	1.02E-07	1.16E-03	3.88E-03	-1.00E+00	385780.2	3753422	11
473	GRID	1.02E-07	1.17E-03	3.95E-03	-1.00E+00	385780.2	3753472	11
474	GRID	1.02E-07	1.19E-03	4.02E-03	-1.00E+00	385780.2	3753522	11

Receptor	Type	Cancer	Chronic	Acute Simp	Acute Max	UTME	UTMN	ZONE
475	GRID	1.03E-07	1.20E-03	4.08E-03	-1.00E+00	385780.2	3753572	11
476	GRID	1.05E-07	1.20E-03	4.17E-03	-1.00E+00	385780.2	3753622	11
477	GRID	1.08E-07	1.22E-03	4.20E-03	-1.00E+00	385780.2	3753672	11
478	GRID	1.11E-07	1.20E-03	4.38E-03	-1.00E+00	385780.2	3753722	11
479	GRID	1.15E-07	1.21E-03	4.39E-03	-1.00E+00	385780.2	3753772	11
480	GRID	1.16E-07	1.19E-03	4.53E-03	-1.00E+00	385780.2	3753822	11
481	GRID	1.16E-07	1.19E-03	4.53E-03	-1.00E+00	385780.2	3753872	11
482	GRID	1.15E-07	1.19E-03	4.48E-03	-1.00E+00	385780.2	3753922	11
483	GRID	1.12E-07	1.15E-03	4.56E-03	-1.00E+00	385780.2	3753972	11
484	GRID	1.12E-07	1.14E-03	4.51E-03	-1.00E+00	385780.2	3754022	11
485	GRID	1.13E-07	1.12E-03	4.45E-03	-1.00E+00	385780.2	3754072	11
486	GRID	1.15E-07	1.10E-03	4.37E-03	-1.00E+00	385780.2	3754122	11
487	GRID	1.14E-07	1.05E-03	4.40E-03	-1.00E+00	385780.2	3754172	11
488	GRID	1.13E-07	1.02E-03	4.31E-03	-1.00E+00	385780.2	3754222	11
489	GRID	1.10E-07	9.80E-04	4.21E-03	-1.00E+00	385780.2	3754272	11
490	GRID	1.07E-07	9.22E-04	4.21E-03	-1.00E+00	385780.2	3754322	11
491	GRID	1.03E-07	8.49E-04	4.26E-03	-1.00E+00	385780.2	3754372	11
492	GRID	1.01E-07	7.83E-04	4.44E-03	-1.00E+00	385780.2	3754422	11
493	GRID	1.02E-07	7.58E-04	4.33E-03	-1.00E+00	385780.2	3754472	11
494	GRID	1.05E-07	7.41E-04	4.17E-03	-1.00E+00	385780.2	3754522	11
495	GRID	1.08E-07	7.33E-04	3.90E-03	-1.00E+00	385780.2	3754572	11
496	GRID	1.11E-07	7.16E-04	3.79E-03	-1.00E+00	385780.2	3754622	11
497	GRID	1.13E-07	6.99E-04	3.69E-03	-1.00E+00	385780.2	3754672	11
498	GRID	1.15E-07	6.82E-04	3.60E-03	-1.00E+00	385780.2	3754722	11
499	GRID	1.16E-07	6.66E-04	3.47E-03	-1.00E+00	385780.2	3754772	11
500	GRID	1.02E-07	8.70E-04	2.76E-03	-1.00E+00	385830.2	3752772	11
501	GRID	1.02E-07	8.99E-04	2.85E-03	-1.00E+00	385830.2	3752822	11
502	GRID	1.03E-07	9.27E-04	2.95E-03	-1.00E+00	385830.2	3752872	11
503	GRID	1.03E-07	9.55E-04	3.05E-03	-1.00E+00	385830.2	3752922	11
504	GRID	1.04E-07	9.88E-04	3.15E-03	-1.00E+00	385830.2	3752972	11
505	GRID	1.05E-07	1.02E-03	3.27E-03	-1.00E+00	385830.2	3753022	11
506	GRID	1.06E-07	1.05E-03	3.38E-03	-1.00E+00	385830.2	3753072	11
507	GRID	1.06E-07	1.08E-03	3.47E-03	-1.00E+00	385830.2	3753122	11
508	GRID	1.07E-07	1.11E-03	3.59E-03	-1.00E+00	385830.2	3753172	11
509	GRID	1.06E-07	1.14E-03	3.71E-03	-1.00E+00	385830.2	3753222	11
510	GRID	1.05E-07	1.16E-03	3.80E-03	-1.00E+00	385830.2	3753272	11
511	GRID	1.05E-07	1.19E-03	3.91E-03	-1.00E+00	385830.2	3753322	11
512	GRID	1.06E-07	1.21E-03	4.00E-03	-1.00E+00	385830.2	3753372	11
513	GRID	1.06E-07	1.23E-03	4.10E-03	-1.00E+00	385830.2	3753422	11
514	GRID	1.06E-07	1.25E-03	4.18E-03	-1.00E+00	385830.2	3753472	11
515	GRID	1.05E-07	1.27E-03	4.26E-03	-1.00E+00	385830.2	3753522	11
516	GRID	1.07E-07	1.28E-03	4.33E-03	-1.00E+00	385830.2	3753572	11
517	GRID	1.09E-07	1.30E-03	4.38E-03	-1.00E+00	385830.2	3753622	11
518	GRID	1.12E-07	1.30E-03	4.46E-03	-1.00E+00	385830.2	3753672	11
519	GRID	1.16E-07	1.31E-03	4.52E-03	-1.00E+00	385830.2	3753722	11
520	GRID	1.19E-07	1.30E-03	4.67E-03	-1.00E+00	385830.2	3753772	11
521	GRID	1.21E-07	1.28E-03	4.81E-03	-1.00E+00	385830.2	3753822	11
522	GRID	1.21E-07	1.28E-03	4.81E-03	-1.00E+00	385830.2	3753872	11
523	GRID	1.18E-07	1.25E-03	4.89E-03	-1.00E+00	385830.2	3753922	11
524	GRID	1.17E-07	1.23E-03	4.85E-03	-1.00E+00	385830.2	3753972	11
525	GRID	1.17E-07	1.22E-03	4.78E-03	-1.00E+00	385830.2	3754022	11
526	GRID	1.18E-07	1.19E-03	4.71E-03	-1.00E+00	385830.2	3754072	11
527	GRID	1.18E-07	1.17E-03	4.63E-03	-1.00E+00	385830.2	3754122	11
528	GRID	1.17E-07	1.11E-03	4.64E-03	-1.00E+00	385830.2	3754172	11
529	GRID	1.15E-07	1.07E-03	4.53E-03	-1.00E+00	385830.2	3754222	11
530	GRID	1.12E-07	1.03E-03	4.44E-03	-1.00E+00	385830.2	3754272	11
531	GRID	1.10E-07	9.89E-04	4.30E-03	-1.00E+00	385830.2	3754322	11
532	GRID	1.08E-07	9.29E-04	4.29E-03	-1.00E+00	385830.2	3754372	11
533	GRID	1.07E-07	8.59E-04	4.34E-03	-1.00E+00	385830.2	3754422	11
534	GRID	1.09E-07	8.29E-04	4.23E-03	-1.00E+00	385830.2	3754472	11
535	GRID	1.12E-07	8.06E-04	4.10E-03	-1.00E+00	385830.2	3754522	11
536	GRID	1.15E-07	7.86E-04	3.97E-03	-1.00E+00	385830.2	3754572	11
537	GRID	1.18E-07	7.70E-04	3.82E-03	-1.00E+00	385830.2	3754622	11
538	GRID	1.20E-07	7.48E-04	3.72E-03	-1.00E+00	385830.2	3754672	11
539	GRID	1.21E-07	7.24E-04	3.61E-03	-1.00E+00	385830.2	3754722	11
540	GRID	1.22E-07	7.01E-04	3.50E-03	-1.00E+00	385830.2	3754772	11
541	GRID	1.01E-07	9.02E-04	2.84E-03	-1.00E+00	385880.2	3752772	11
542	GRID	1.03E-07	9.38E-04	2.95E-03	-1.00E+00	385880.2	3752822	11
543	GRID	1.04E-07	9.71E-04	3.05E-03	-1.00E+00	385880.2	3752872	11
544	GRID	1.04E-07	1.00E-03	3.16E-03	-1.00E+00	385880.2	3752922	11
545	GRID	1.06E-07	1.04E-03	3.28E-03	-1.00E+00	385880.2	3752972	11
546	GRID	1.07E-07	1.07E-03	3.38E-03	-1.00E+00	385880.2	3753022	11
547	GRID	1.08E-07	1.11E-03	3.51E-03	-1.00E+00	385880.2	3753072	11
548	GRID	1.09E-07	1.14E-03	3.63E-03	-1.00E+00	385880.2	3753122	11
549	GRID	1.09E-07	1.17E-03	3.74E-03	-1.00E+00	385880.2	3753172	11
550	GRID	1.09E-07	1.21E-03	3.88E-03	-1.00E+00	385880.2	3753222	11
551	GRID	1.08E-07	1.24E-03	3.99E-03	-1.00E+00	385880.2	3753272	11
552	GRID	1.08E-07	1.26E-03	4.12E-03	-1.00E+00	385880.2	3753322	11
553	GRID	1.09E-07	1.30E-03	4.23E-03	-1.00E+00	385880.2	3753372	11
554	GRID	1.09E-07	1.32E-03	4.35E-03	-1.00E+00	385880.2	3753422	11
555	GRID	1.10E-07	1.34E-03	4.44E-03	-1.00E+00	385880.2	3753472	11
556	GRID	1.10E-07	1.36E-03	4.53E-03	-1.00E+00	385880.2	3753522	11
557	GRID	1.11E-07	1.38E-03	4.61E-03	-1.00E+00	385880.2	3753572	11
558	GRID	1.14E-07	1.40E-03	4.66E-03	-1.00E+00	385880.2	3753622	11
559	GRID	1.18E-07	1.41E-03	4.70E-03	-1.00E+00	385880.2	3753672	11
560	GRID	1.22E-07	1.42E-03	4.80E-03	-1.00E+00	385880.2	3753722	11
561	GRID	1.25E-07	1.40E-03	4.98E-03	-1.00E+00	385880.2	3753772	11
562	GRID	1.27E-07	1.37E-03	5.12E-03	-1.00E+00	385880.2	3753822	11
563	GRID	1.26E-07	1.38E-03	5.11E-03	-1.00E+00	385880.2	3753872	11
564	GRID	1.24E-07	1.34E-03	5.21E-03	-1.00E+00	385880.2	3753922	11
565	GRID	1.22E-07	1.32E-03	5.16E-03	-1.00E+00	385880.2	3753972	11
566	GRID	1.22E-07	1.30E-03	5.11E-03	-1.00E+00	385880.2	3754022	11
567	GRID	1.22E-07	1.25E-03	5.11E-03	-1.00E+00	385880.2	3754072	11
568	GRID	1.22E-07	1.22E-03	5.01E-03	-1.00E+00	385880.2	3754122	11
569	GRID	1.20E-07	1.18E-03	4.89E-03	-1.00E+00	385880.2	3754172	11
570	GRID	1.18E-07	1.13E-03	4.78E-03	-1.00E+00	385880.2	3754222	11
571	GRID	1.15E-07	1.09E-03	4.64E-03	-1.00E+00	385880.2	3754272	11

Receptor	Type	Cancer	Chronic	Acute Simp	Acute Max	UTME	UTMN	ZONE
572	GRID	1.13E-07	1.04E-03	4.52E-03	-1.00E+00	385880.2	3754322	11
573	GRID	1.14E-07	1.00E-03	4.39E-03	-1.00E+00	385880.2	3754372	11
574	GRID	1.16E-07	9.63E-04	4.24E-03	-1.00E+00	385880.2	3754422	11
575	GRID	1.18E-07	9.16E-04	4.21E-03	-1.00E+00	385880.2	3754472	11
576	GRID	1.21E-07	8.87E-04	4.08E-03	-1.00E+00	385880.2	3754522	11
577	GRID	1.24E-07	8.59E-04	3.96E-03	-1.00E+00	385880.2	3754572	11
578	GRID	1.26E-07	8.33E-04	3.84E-03	-1.00E+00	385880.2	3754622	11
579	GRID	1.27E-07	7.94E-04	3.78E-03	-1.00E+00	385880.2	3754672	11
580	GRID	1.28E-07	7.68E-04	3.65E-03	-1.00E+00	385880.2	3754722	11
581	GRID	1.29E-07	7.41E-04	3.53E-03	-1.00E+00	385880.2	3754772	11
582	GRID	1.00E-07	9.36E-04	2.93E-03	-1.00E+00	385930.2	3752772	11
583	GRID	1.03E-07	9.77E-04	3.04E-03	-1.00E+00	385930.2	3752822	11
584	GRID	1.05E-07	1.02E-03	3.15E-03	-1.00E+00	385930.2	3752872	11
585	GRID	1.06E-07	1.05E-03	3.27E-03	-1.00E+00	385930.2	3752922	11
586	GRID	1.07E-07	1.09E-03	3.39E-03	-1.00E+00	385930.2	3752972	11
587	GRID	1.09E-07	1.13E-03	3.53E-03	-1.00E+00	385930.2	3753022	11
588	GRID	1.09E-07	1.17E-03	3.65E-03	-1.00E+00	385930.2	3753072	11
589	GRID	1.12E-07	1.21E-03	3.79E-03	-1.00E+00	385930.2	3753122	11
590	GRID	1.12E-07	1.25E-03	3.94E-03	-1.00E+00	385930.2	3753172	11
591	GRID	1.13E-07	1.29E-03	4.07E-03	-1.00E+00	385930.2	3753222	11
592	GRID	1.12E-07	1.32E-03	4.22E-03	-1.00E+00	385930.2	3753272	11
593	GRID	1.12E-07	1.35E-03	4.33E-03	-1.00E+00	385930.2	3753322	11
594	GRID	1.12E-07	1.38E-03	4.46E-03	-1.00E+00	385930.2	3753372	11
595	GRID	1.14E-07	1.42E-03	4.60E-03	-1.00E+00	385930.2	3753422	11
596	GRID	1.15E-07	1.45E-03	4.71E-03	-1.00E+00	385930.2	3753472	11
597	GRID	1.16E-07	1.47E-03	4.82E-03	-1.00E+00	385930.2	3753522	11
598	GRID	1.18E-07	1.49E-03	4.91E-03	-1.00E+00	385930.2	3753572	11
599	GRID	1.21E-07	1.51E-03	4.98E-03	-1.00E+00	385930.2	3753622	11
600	GRID	1.25E-07	1.53E-03	5.03E-03	-1.00E+00	385930.2	3753672	11
601	GRID	1.29E-07	1.53E-03	5.13E-03	-1.00E+00	385930.2	3753722	11
602	GRID	1.33E-07	1.51E-03	5.31E-03	-1.00E+00	385930.2	3753772	11
603	GRID	1.34E-07	1.48E-03	5.47E-03	-1.00E+00	385930.2	3753822	11
604	GRID	1.33E-07	1.45E-03	5.62E-03	-1.00E+00	385930.2	3753872	11
605	GRID	1.31E-07	1.44E-03	5.56E-03	-1.00E+00	385930.2	3753922	11
606	GRID	1.28E-07	1.39E-03	5.63E-03	-1.00E+00	385930.2	3753972	11
607	GRID	1.28E-07	1.37E-03	5.53E-03	-1.00E+00	385930.2	3754022	11
608	GRID	1.27E-07	1.34E-03	5.43E-03	-1.00E+00	385930.2	3754072	11
609	GRID	1.26E-07	1.30E-03	5.30E-03	-1.00E+00	385930.2	3754122	11
610	GRID	1.24E-07	1.26E-03	5.10E-03	-1.00E+00	385930.2	3754172	11
611	GRID	1.21E-07	1.20E-03	5.04E-03	-1.00E+00	385930.2	3754222	11
612	GRID	1.19E-07	1.17E-03	4.78E-03	-1.00E+00	385930.2	3754272	11
613	GRID	1.19E-07	1.12E-03	4.62E-03	-1.00E+00	385930.2	3754322	11
614	GRID	1.21E-07	1.08E-03	4.46E-03	-1.00E+00	385930.2	3754372	11
615	GRID	1.23E-07	1.02E-03	4.45E-03	-1.00E+00	385930.2	3754422	11
616	GRID	1.26E-07	9.87E-04	4.30E-03	-1.00E+00	385930.2	3754472	11
617	GRID	1.29E-07	9.56E-04	4.15E-03	-1.00E+00	385930.2	3754522	11
618	GRID	1.32E-07	9.25E-04	4.01E-03	-1.00E+00	385930.2	3754572	11
619	GRID	1.33E-07	8.76E-04	3.96E-03	-1.00E+00	385930.2	3754622	11
620	GRID	1.35E-07	8.46E-04	3.82E-03	-1.00E+00	385930.2	3754672	11
621	GRID	1.34E-07	8.03E-04	3.76E-03	-1.00E+00	385930.2	3754722	11
622	GRID	1.34E-07	7.69E-04	3.64E-03	-1.00E+00	385930.2	3754772	11
623	GRID	9.95E-08	9.70E-04	3.01E-03	-1.00E+00	385980.2	3752772	11
624	GRID	1.01E-07	1.01E-03	3.13E-03	-1.00E+00	385980.2	3752822	11
625	GRID	1.05E-07	1.06E-03	3.26E-03	-1.00E+00	385980.2	3752872	11
626	GRID	1.06E-07	1.10E-03	3.38E-03	-1.00E+00	385980.2	3752922	11
627	GRID	1.08E-07	1.14E-03	3.52E-03	-1.00E+00	385980.2	3752972	11
628	GRID	1.11E-07	1.19E-03	3.66E-03	-1.00E+00	385980.2	3753022	11
629	GRID	1.12E-07	1.23E-03	3.81E-03	-1.00E+00	385980.2	3753072	11
630	GRID	1.14E-07	1.28E-03	3.96E-03	-1.00E+00	385980.2	3753122	11
631	GRID	1.16E-07	1.33E-03	4.11E-03	-1.00E+00	385980.2	3753172	11
632	GRID	1.17E-07	1.37E-03	4.27E-03	-1.00E+00	385980.2	3753222	11
633	GRID	1.17E-07	1.41E-03	4.43E-03	-1.00E+00	385980.2	3753272	11
634	GRID	1.17E-07	1.45E-03	4.58E-03	-1.00E+00	385980.2	3753322	11
635	GRID	1.17E-07	1.49E-03	4.74E-03	-1.00E+00	385980.2	3753372	11
636	GRID	1.19E-07	1.52E-03	4.87E-03	-1.00E+00	385980.2	3753422	11
637	GRID	1.21E-07	1.56E-03	5.03E-03	-1.00E+00	385980.2	3753472	11
638	GRID	1.23E-07	1.59E-03	5.14E-03	-1.00E+00	385980.2	3753522	11
639	GRID	1.26E-07	1.61E-03	5.25E-03	-1.00E+00	385980.2	3753572	11
640	GRID	1.29E-07	1.63E-03	5.33E-03	-1.00E+00	385980.2	3753622	11
641	GRID	1.34E-07	1.66E-03	5.41E-03	-1.00E+00	385980.2	3753672	11
642	GRID	1.39E-07	1.68E-03	5.44E-03	-1.00E+00	385980.2	3753722	11
643	GRID	1.44E-07	1.66E-03	5.64E-03	-1.00E+00	385980.2	3753772	11
644	GRID	1.46E-07	1.61E-03	5.87E-03	-1.00E+00	385980.2	3753822	11
645	GRID	1.44E-07	1.57E-03	6.02E-03	-1.00E+00	385980.2	3753872	11
646	GRID	1.40E-07	1.52E-03	6.10E-03	-1.00E+00	385980.2	3753922	11
647	GRID	1.37E-07	1.50E-03	6.00E-03	-1.00E+00	385980.2	3753972	11
648	GRID	1.38E-07	1.52E-03	5.70E-03	-1.00E+00	385980.2	3754022	11
649	GRID	1.38E-07	1.53E-03	5.37E-03	-1.00E+00	385980.2	3754072	11
650	GRID	1.34E-07	1.45E-03	5.36E-03	-1.00E+00	385980.2	3754122	11
651	GRID	1.29E-07	1.36E-03	5.36E-03	-1.00E+00	385980.2	3754172	11
652	GRID	1.26E-07	1.30E-03	5.20E-03	-1.00E+00	385980.2	3754222	11
653	GRID	1.24E-07	1.24E-03	5.03E-03	-1.00E+00	385980.2	3754272	11
654	GRID	1.26E-07	1.19E-03	4.87E-03	-1.00E+00	385980.2	3754322	11
655	GRID	1.28E-07	1.14E-03	4.70E-03	-1.00E+00	385980.2	3754372	11
656	GRID	1.32E-07	1.10E-03	4.53E-03	-1.00E+00	385980.2	3754422	11
657	GRID	1.36E-07	1.06E-03	4.38E-03	-1.00E+00	385980.2	3754472	11
658	GRID	1.38E-07	1.01E-03	4.32E-03	-1.00E+00	385980.2	3754522	11
659	GRID	1.40E-07	9.73E-04	4.16E-03	-1.00E+00	385980.2	3754572	11
660	GRID	1.41E-07	9.25E-04	4.06E-03	-1.00E+00	385980.2	3754622	11
661	GRID	1.41E-07	8.82E-04	3.96E-03	-1.00E+00	385980.2	3754672	11
662	GRID	1.42E-07	8.47E-04	3.81E-03	-1.00E+00	385980.2	3754722	11
663	GRID	1.41E-07	8.05E-04	3.71E-03	-1.00E+00	385980.2	3754772	11
664	GRID	9.85E-08	1.00E-03	3.10E-03	-1.00E+00	386030.2	3752772	11
665	GRID	1.01E-07	1.05E-03	3.22E-03	-1.00E+00	386030.2	3752822	11
666	GRID	1.04E-07	1.10E-03	3.36E-03	-1.00E+00	386030.2	3752872	11
667	GRID	1.06E-07	1.15E-03	3.50E-03	-1.00E+00	386030.2	3752922	11
668	GRID	1.09E-07	1.20E-03	3.65E-03	-1.00E+00	386030.2	3752972	11

Receptor	Type	Cancer	Chronic	Acute Simp	Acute Max	UTME	UTMN	ZONE
669	GRID	1.11E-07	1.25E-03	3.81E-03	-1.00E+00	386030.2	3753022	11
670	GRID	1.14E-07	1.31E-03	3.96E-03	-1.00E+00	386030.2	3753072	11
671	GRID	1.16E-07	1.36E-03	4.14E-03	-1.00E+00	386030.2	3753122	11
672	GRID	1.19E-07	1.41E-03	4.32E-03	-1.00E+00	386030.2	3753172	11
673	GRID	1.21E-07	1.46E-03	4.50E-03	-1.00E+00	386030.2	3753222	11
674	GRID	1.23E-07	1.52E-03	4.67E-03	-1.00E+00	386030.2	3753272	11
675	GRID	1.23E-07	1.56E-03	4.85E-03	-1.00E+00	386030.2	3753322	11
676	GRID	1.23E-07	1.60E-03	5.02E-03	-1.00E+00	386030.2	3753372	11
677	GRID	1.25E-07	1.65E-03	5.20E-03	-1.00E+00	386030.2	3753422	11
678	GRID	1.29E-07	1.69E-03	5.37E-03	-1.00E+00	386030.2	3753472	11
679	GRID	1.33E-07	1.72E-03	5.50E-03	-1.00E+00	386030.2	3753522	11
680	GRID	1.37E-07	1.75E-03	5.65E-03	-1.00E+00	386030.2	3753572	11
681	GRID	1.41E-07	1.78E-03	5.74E-03	-1.00E+00	386030.2	3753622	11
682	GRID	1.47E-07	1.80E-03	5.82E-03	-1.00E+00	386030.2	3753672	11
683	GRID	1.53E-07	1.83E-03	5.87E-03	-1.00E+00	386030.2	3753722	11
684	GRID	1.57E-07	1.78E-03	6.19E-03	-1.00E+00	386030.2	3753772	11
685	GRID	1.59E-07	1.68E-03	6.58E-03	-1.00E+00	386030.2	3753822	11
686	GRID	1.58E-07	1.67E-03	6.59E-03	-1.00E+00	386030.2	3753872	11
687	GRID	1.60E-07	1.82E-03	5.89E-03	-1.00E+00	386030.2	3753922	11
688	GRID	1.57E-07	1.81E-03	5.69E-03	-1.00E+00	386030.2	3753972	11
689	GRID	1.53E-07	1.75E-03	5.64E-03	-1.00E+00	386030.2	3754022	11
690	GRID	1.47E-07	1.65E-03	5.70E-03	-1.00E+00	386030.2	3754072	11
691	GRID	1.41E-07	1.55E-03	5.70E-03	-1.00E+00	386030.2	3754122	11
692	GRID	1.36E-07	1.48E-03	5.56E-03	-1.00E+00	386030.2	3754172	11
693	GRID	1.31E-07	1.38E-03	5.48E-03	-1.00E+00	386030.2	3754222	11
694	GRID	1.32E-07	1.32E-03	5.28E-03	-1.00E+00	386030.2	3754272	11
695	GRID	1.35E-07	1.29E-03	5.00E-03	-1.00E+00	386030.2	3754322	11
696	GRID	1.38E-07	1.22E-03	4.93E-03	-1.00E+00	386030.2	3754372	11
697	GRID	1.42E-07	1.17E-03	4.74E-03	-1.00E+00	386030.2	3754422	11
698	GRID	1.45E-07	1.13E-03	4.56E-03	-1.00E+00	386030.2	3754472	11
699	GRID	1.47E-07	1.08E-03	4.43E-03	-1.00E+00	386030.2	3754522	11
700	GRID	1.48E-07	1.02E-03	4.31E-03	-1.00E+00	386030.2	3754572	11
701	GRID	1.49E-07	9.80E-04	4.15E-03	-1.00E+00	386030.2	3754622	11
702	GRID	1.48E-07	9.19E-04	4.09E-03	-1.00E+00	386030.2	3754672	11
703	GRID	1.49E-07	8.79E-04	3.93E-03	-1.00E+00	386030.2	3754722	11
704	GRID	1.49E-07	8.42E-04	3.79E-03	-1.00E+00	386030.2	3754772	11
705	GRID	9.76E-08	1.03E-03	3.19E-03	-1.00E+00	386080.2	3752772	11
706	GRID	9.95E-08	1.09E-03	3.32E-03	-1.00E+00	386080.2	3752822	11
707	GRID	1.02E-07	1.14E-03	3.46E-03	-1.00E+00	386080.2	3752872	11
708	GRID	1.06E-07	1.20E-03	3.62E-03	-1.00E+00	386080.2	3752922	11
709	GRID	1.09E-07	1.26E-03	3.78E-03	-1.00E+00	386080.2	3752972	11
710	GRID	1.12E-07	1.32E-03	3.95E-03	-1.00E+00	386080.2	3753022	11
711	GRID	1.16E-07	1.38E-03	4.14E-03	-1.00E+00	386080.2	3753072	11
712	GRID	1.18E-07	1.44E-03	4.31E-03	-1.00E+00	386080.2	3753122	11
713	GRID	1.23E-07	1.51E-03	4.52E-03	-1.00E+00	386080.2	3753172	11
714	GRID	1.26E-07	1.57E-03	4.75E-03	-1.00E+00	386080.2	3753222	11
715	GRID	1.29E-07	1.63E-03	4.95E-03	-1.00E+00	386080.2	3753272	11
716	GRID	1.31E-07	1.69E-03	5.15E-03	-1.00E+00	386080.2	3753322	11
717	GRID	1.32E-07	1.75E-03	5.38E-03	-1.00E+00	386080.2	3753372	11
718	GRID	1.34E-07	1.79E-03	5.57E-03	-1.00E+00	386080.2	3753422	11
719	GRID	1.38E-07	1.84E-03	5.74E-03	-1.00E+00	386080.2	3753472	11
720	GRID	1.44E-07	1.88E-03	5.91E-03	-1.00E+00	386080.2	3753522	11
721	GRID	1.52E-07	1.91E-03	6.07E-03	-1.00E+00	386080.2	3753572	11
722	GRID	1.58E-07	1.94E-03	6.21E-03	-1.00E+00	386080.2	3753622	11
723	GRID	1.65E-07	1.97E-03	6.29E-03	-1.00E+00	386080.2	3753672	11
724	GRID	1.73E-07	2.00E-03	6.36E-03	-1.00E+00	386080.2	3753722	11
725	GRID	1.82E-07	2.03E-03	6.39E-03	-1.00E+00	386080.2	3753772	11
726	GRID	1.88E-07	2.05E-03	6.38E-03	-1.00E+00	386080.2	3753822	11
727	GRID	1.87E-07	2.04E-03	6.33E-03	-1.00E+00	386080.2	3753872	11
728	GRID	1.81E-07	2.01E-03	6.25E-03	-1.00E+00	386080.2	3753922	11
729	GRID	1.75E-07	1.97E-03	6.14E-03	-1.00E+00	386080.2	3753972	11
730	GRID	1.67E-07	1.90E-03	6.07E-03	-1.00E+00	386080.2	3754022	11
731	GRID	1.58E-07	1.78E-03	6.09E-03	-1.00E+00	386080.2	3754072	11
732	GRID	1.50E-07	1.71E-03	5.92E-03	-1.00E+00	386080.2	3754122	11
733	GRID	1.43E-07	1.59E-03	5.89E-03	-1.00E+00	386080.2	3754172	11
734	GRID	1.41E-07	1.51E-03	5.68E-03	-1.00E+00	386080.2	3754222	11
735	GRID	1.43E-07	1.44E-03	5.45E-03	-1.00E+00	386080.2	3754272	11
736	GRID	1.46E-07	1.38E-03	5.25E-03	-1.00E+00	386080.2	3754322	11
737	GRID	1.50E-07	1.33E-03	5.04E-03	-1.00E+00	386080.2	3754372	11
738	GRID	1.52E-07	1.24E-03	4.96E-03	-1.00E+00	386080.2	3754422	11
739	GRID	1.55E-07	1.19E-03	4.76E-03	-1.00E+00	386080.2	3754472	11
740	GRID	1.57E-07	1.14E-03	4.57E-03	-1.00E+00	386080.2	3754522	11
741	GRID	1.57E-07	1.07E-03	4.48E-03	-1.00E+00	386080.2	3754572	11
742	GRID	1.58E-07	1.02E-03	4.30E-03	-1.00E+00	386080.2	3754622	11
743	GRID	1.57E-07	9.67E-04	4.18E-03	-1.00E+00	386080.2	3754672	11
744	GRID	1.57E-07	9.14E-04	4.05E-03	-1.00E+00	386080.2	3754722	11
745	GRID	1.57E-07	8.74E-04	3.90E-03	-1.00E+00	386080.2	3754772	11
746	GRID	9.69E-08	1.06E-03	3.28E-03	-1.00E+00	386130.2	3752772	11
747	GRID	9.87E-08	1.12E-03	3.43E-03	-1.00E+00	386130.2	3752822	11
748	GRID	1.01E-07	1.18E-03	3.58E-03	-1.00E+00	386130.2	3752872	11
749	GRID	1.05E-07	1.25E-03	3.75E-03	-1.00E+00	386130.2	3752922	11
750	GRID	1.08E-07	1.32E-03	3.91E-03	-1.00E+00	386130.2	3752972	11
751	GRID	1.12E-07	1.38E-03	4.11E-03	-1.00E+00	386130.2	3753022	11
752	GRID	1.17E-07	1.46E-03	4.32E-03	-1.00E+00	386130.2	3753072	11
753	GRID	1.21E-07	1.53E-03	4.53E-03	-1.00E+00	386130.2	3753122	11
754	GRID	1.26E-07	1.61E-03	4.74E-03	-1.00E+00	386130.2	3753172	11
755	GRID	1.32E-07	1.69E-03	4.99E-03	-1.00E+00	386130.2	3753222	11
756	GRID	1.36E-07	1.76E-03	5.22E-03	-1.00E+00	386130.2	3753272	11
757	GRID	1.40E-07	1.83E-03	5.49E-03	-1.00E+00	386130.2	3753322	11
758	GRID	1.42E-07	1.89E-03	5.71E-03	-1.00E+00	386130.2	3753372	11
759	GRID	1.45E-07	1.95E-03	5.94E-03	-1.00E+00	386130.2	3753422	11
760	GRID	1.50E-07	2.01E-03	6.17E-03	-1.00E+00	386130.2	3753472	11
761	GRID	1.59E-07	2.05E-03	6.39E-03	-1.00E+00	386130.2	3753522	11
762	GRID	1.71E-07	2.10E-03	6.55E-03	-1.00E+00	386130.2	3753572	11
763	GRID	1.82E-07	2.13E-03	6.71E-03	-1.00E+00	386130.2	3753622	11
764	GRID	1.90E-07	2.17E-03	6.83E-03	-1.00E+00	386130.2	3753672	11
765	GRID	2.01E-07	2.20E-03	6.90E-03	-1.00E+00	386130.2	3753722	11

Receptor	Type	Cancer	Chronic	Acute Simp	Acute Max	UTME	UTMN	ZONE
766	GRID	2.14E-07	2.24E-03	6.94E-03	-1.00E+00	386130.2	3753772	11
767	GRID	2.22E-07	2.25E-03	6.93E-03	-1.00E+00	386130.2	3753822	11
768	GRID	2.19E-07	2.24E-03	6.87E-03	-1.00E+00	386130.2	3753872	11
769	GRID	2.10E-07	2.21E-03	6.79E-03	-1.00E+00	386130.2	3753922	11
770	GRID	1.99E-07	2.16E-03	6.64E-03	-1.00E+00	386130.2	3753972	11
771	GRID	1.85E-07	2.07E-03	6.56E-03	-1.00E+00	386130.2	3754022	11
772	GRID	1.73E-07	1.99E-03	6.35E-03	-1.00E+00	386130.2	3754072	11
773	GRID	1.60E-07	1.84E-03	6.34E-03	-1.00E+00	386130.2	3754122	11
774	GRID	1.54E-07	1.72E-03	6.18E-03	-1.00E+00	386130.2	3754172	11
775	GRID	1.52E-07	1.62E-03	6.03E-03	-1.00E+00	386130.2	3754222	11
776	GRID	1.55E-07	1.54E-03	5.80E-03	-1.00E+00	386130.2	3754272	11
777	GRID	1.59E-07	1.48E-03	5.53E-03	-1.00E+00	386130.2	3754322	11
778	GRID	1.63E-07	1.42E-03	5.29E-03	-1.00E+00	386130.2	3754372	11
779	GRID	1.66E-07	1.35E-03	5.07E-03	-1.00E+00	386130.2	3754422	11
780	GRID	1.66E-07	1.26E-03	4.97E-03	-1.00E+00	386130.2	3754472	11
781	GRID	1.68E-07	1.20E-03	4.75E-03	-1.00E+00	386130.2	3754522	11
782	GRID	1.67E-07	1.13E-03	4.64E-03	-1.00E+00	386130.2	3754572	11
783	GRID	1.67E-07	1.07E-03	4.45E-03	-1.00E+00	386130.2	3754622	11
784	GRID	1.67E-07	1.02E-03	4.27E-03	-1.00E+00	386130.2	3754672	11
785	GRID	1.66E-07	9.53E-04	4.16E-03	-1.00E+00	386130.2	3754722	11
786	GRID	1.65E-07	9.09E-04	3.99E-03	-1.00E+00	386130.2	3754772	11
787	GRID	9.66E-08	1.09E-03	3.37E-03	-1.00E+00	386180.2	3752772	11
788	GRID	9.83E-08	1.15E-03	3.53E-03	-1.00E+00	386180.2	3752822	11
789	GRID	1.00E-07	1.22E-03	3.69E-03	-1.00E+00	386180.2	3752872	11
790	GRID	1.04E-07	1.29E-03	3.88E-03	-1.00E+00	386180.2	3752922	11
791	GRID	1.07E-07	1.37E-03	4.06E-03	-1.00E+00	386180.2	3752972	11
792	GRID	1.11E-07	1.45E-03	4.26E-03	-1.00E+00	386180.2	3753022	11
793	GRID	1.16E-07	1.53E-03	4.50E-03	-1.00E+00	386180.2	3753072	11
794	GRID	1.22E-07	1.62E-03	4.73E-03	-1.00E+00	386180.2	3753122	11
795	GRID	1.29E-07	1.72E-03	5.00E-03	-1.00E+00	386180.2	3753172	11
796	GRID	1.36E-07	1.81E-03	5.25E-03	-1.00E+00	386180.2	3753222	11
797	GRID	1.44E-07	1.91E-03	5.55E-03	-1.00E+00	386180.2	3753272	11
798	GRID	1.50E-07	1.99E-03	5.82E-03	-1.00E+00	386180.2	3753322	11
799	GRID	1.55E-07	2.06E-03	6.09E-03	-1.00E+00	386180.2	3753372	11
800	GRID	1.59E-07	2.13E-03	6.38E-03	-1.00E+00	386180.2	3753422	11
801	GRID	1.65E-07	2.20E-03	6.65E-03	-1.00E+00	386180.2	3753472	11
802	GRID	1.79E-07	2.26E-03	6.88E-03	-1.00E+00	386180.2	3753522	11
803	GRID	1.97E-07	2.31E-03	7.10E-03	-1.00E+00	386180.2	3753572	11
804	GRID	2.15E-07	2.35E-03	7.30E-03	-1.00E+00	386180.2	3753622	11
805	GRID	2.27E-07	2.39E-03	7.44E-03	-1.00E+00	386180.2	3753672	11
806	GRID	2.42E-07	2.44E-03	7.55E-03	-1.00E+00	386180.2	3753722	11
807	GRID	2.61E-07	2.48E-03	7.59E-03	-1.00E+00	386180.2	3753772	11
808	GRID	2.72E-07	2.50E-03	7.57E-03	-1.00E+00	386180.2	3753822	11
809	GRID	2.64E-07	2.48E-03	7.50E-03	-1.00E+00	386180.2	3753872	11
810	GRID	2.51E-07	2.44E-03	7.38E-03	-1.00E+00	386180.2	3753922	11
811	GRID	2.31E-07	2.37E-03	7.20E-03	-1.00E+00	386180.2	3753972	11
812	GRID	2.09E-07	2.26E-03	7.07E-03	-1.00E+00	386180.2	3754022	11
813	GRID	1.90E-07	2.16E-03	6.84E-03	-1.00E+00	386180.2	3754072	11
814	GRID	1.74E-07	1.99E-03	6.76E-03	-1.00E+00	386180.2	3754122	11
815	GRID	1.69E-07	1.88E-03	6.51E-03	-1.00E+00	386180.2	3754172	11
816	GRID	1.70E-07	1.79E-03	6.23E-03	-1.00E+00	386180.2	3754222	11
817	GRID	1.72E-07	1.68E-03	6.02E-03	-1.00E+00	386180.2	3754272	11
818	GRID	1.75E-07	1.58E-03	5.84E-03	-1.00E+00	386180.2	3754322	11
819	GRID	1.77E-07	1.51E-03	5.55E-03	-1.00E+00	386180.2	3754372	11
820	GRID	1.79E-07	1.44E-03	5.30E-03	-1.00E+00	386180.2	3754422	11
821	GRID	1.78E-07	1.33E-03	5.19E-03	-1.00E+00	386180.2	3754472	11
822	GRID	1.79E-07	1.27E-03	4.95E-03	-1.00E+00	386180.2	3754522	11
823	GRID	1.79E-07	1.20E-03	4.71E-03	-1.00E+00	386180.2	3754572	11
824	GRID	1.77E-07	1.12E-03	4.60E-03	-1.00E+00	386180.2	3754622	11
825	GRID	1.77E-07	1.06E-03	4.40E-03	-1.00E+00	386180.2	3754672	11
826	GRID	1.76E-07	1.01E-03	4.18E-03	-1.00E+00	386180.2	3754722	11
827	GRID	1.75E-07	9.67E-04	4.01E-03	-1.00E+00	386180.2	3754772	11
828	GRID	9.66E-08	1.12E-03	3.46E-03	-1.00E+00	386230.2	3752772	11
829	GRID	9.81E-08	1.19E-03	3.62E-03	-1.00E+00	386230.2	3752822	11
830	GRID	1.00E-07	1.26E-03	3.79E-03	-1.00E+00	386230.2	3752872	11
831	GRID	1.03E-07	1.33E-03	3.99E-03	-1.00E+00	386230.2	3752922	11
832	GRID	1.07E-07	1.42E-03	4.22E-03	-1.00E+00	386230.2	3752972	11
833	GRID	1.11E-07	1.51E-03	4.42E-03	-1.00E+00	386230.2	3753022	11
834	GRID	1.16E-07	1.61E-03	4.65E-03	-1.00E+00	386230.2	3753072	11
835	GRID	1.23E-07	1.71E-03	4.94E-03	-1.00E+00	386230.2	3753122	11
836	GRID	1.32E-07	1.83E-03	5.25E-03	-1.00E+00	386230.2	3753172	11
837	GRID	1.42E-07	1.96E-03	5.58E-03	-1.00E+00	386230.2	3753222	11
838	GRID	1.51E-07	2.06E-03	5.87E-03	-1.00E+00	386230.2	3753272	11
839	GRID	1.60E-07	2.16E-03	6.18E-03	-1.00E+00	386230.2	3753322	11
840	GRID	1.70E-07	2.25E-03	6.53E-03	-1.00E+00	386230.2	3753372	11
841	GRID	1.77E-07	2.34E-03	6.83E-03	-1.00E+00	386230.2	3753422	11
842	GRID	1.86E-07	2.42E-03	7.15E-03	-1.00E+00	386230.2	3753472	11
843	GRID	2.03E-07	2.50E-03	7.45E-03	-1.00E+00	386230.2	3753522	11
844	GRID	2.32E-07	2.56E-03	7.73E-03	-1.00E+00	386230.2	3753572	11
845	GRID	2.62E-07	2.62E-03	7.97E-03	-1.00E+00	386230.2	3753622	11
846	GRID	2.80E-07	2.67E-03	8.16E-03	-1.00E+00	386230.2	3753672	11
847	GRID	3.02E-07	2.72E-03	8.27E-03	-1.00E+00	386230.2	3753722	11
848	GRID	3.30E-07	2.76E-03	8.34E-03	-1.00E+00	386230.2	3753772	11
849	GRID	3.44E-07	2.78E-03	8.32E-03	-1.00E+00	386230.2	3753822	11
850	GRID	3.30E-07	2.77E-03	8.23E-03	-1.00E+00	386230.2	3753872	11
851	GRID	3.07E-07	2.71E-03	8.08E-03	-1.00E+00	386230.2	3753922	11
852	GRID	2.73E-07	2.62E-03	7.86E-03	-1.00E+00	386230.2	3753972	11
853	GRID	2.38E-07	2.48E-03	7.67E-03	-1.00E+00	386230.2	3754022	11
854	GRID	2.10E-07	2.35E-03	7.39E-03	-1.00E+00	386230.2	3754072	11
855	GRID	1.96E-07	2.22E-03	7.07E-03	-1.00E+00	386230.2	3754122	11
856	GRID	1.90E-07	2.04E-03	6.92E-03	-1.00E+00	386230.2	3754172	11
857	GRID	1.91E-07	1.93E-03	6.63E-03	-1.00E+00	386230.2	3754222	11
858	GRID	1.93E-07	1.83E-03	6.30E-03	-1.00E+00	386230.2	3754272	11
859	GRID	1.93E-07	1.70E-03	6.14E-03	-1.00E+00	386230.2	3754322	11
860	GRID	1.93E-07	1.61E-03	5.84E-03	-1.00E+00	386230.2	3754372	11
861	GRID	1.94E-07	1.52E-03	5.54E-03	-1.00E+00	386230.2	3754422	11
862	GRID	1.93E-07	1.43E-03	5.32E-03	-1.00E+00	386230.2	3754472	11

Receptor	Type	Cancer	Chronic	Acute Simp	Acute Max	UTME	UTMN	ZONE
863	GRID	1.91E-07	1.33E-03	5.13E-03	-1.00E+00	386230.2	3754522	11
864	GRID	1.91E-07	1.26E-03	4.88E-03	-1.00E+00	386230.2	3754572	11
865	GRID	1.90E-07	1.20E-03	4.63E-03	-1.00E+00	386230.2	3754622	11
866	GRID	1.86E-07	1.11E-03	4.52E-03	-1.00E+00	386230.2	3754672	11
867	GRID	1.84E-07	1.06E-03	4.32E-03	-1.00E+00	386230.2	3754722	11
868	GRID	1.81E-07	1.01E-03	4.13E-03	-1.00E+00	386230.2	3754772	11
869	GRID	9.70E-08	1.15E-03	3.54E-03	-1.00E+00	386280.2	3752772	11
870	GRID	9.83E-08	1.22E-03	3.72E-03	-1.00E+00	386280.2	3752822	11
871	GRID	1.00E-07	1.29E-03	3.91E-03	-1.00E+00	386280.2	3752872	11
872	GRID	1.03E-07	1.37E-03	4.12E-03	-1.00E+00	386280.2	3752922	11
873	GRID	1.07E-07	1.47E-03	4.34E-03	-1.00E+00	386280.2	3752972	11
874	GRID	1.11E-07	1.57E-03	4.60E-03	-1.00E+00	386280.2	3753022	11
875	GRID	1.16E-07	1.68E-03	4.86E-03	-1.00E+00	386280.2	3753072	11
876	GRID	1.24E-07	1.80E-03	5.15E-03	-1.00E+00	386280.2	3753122	11
877	GRID	1.35E-07	1.94E-03	5.49E-03	-1.00E+00	386280.2	3753172	11
878	GRID	1.47E-07	2.09E-03	5.86E-03	-1.00E+00	386280.2	3753222	11
879	GRID	1.58E-07	2.22E-03	6.23E-03	-1.00E+00	386280.2	3753272	11
880	GRID	1.72E-07	2.35E-03	6.58E-03	-1.00E+00	386280.2	3753322	11
881	GRID	1.86E-07	2.47E-03	6.95E-03	-1.00E+00	386280.2	3753372	11
882	GRID	2.01E-07	2.58E-03	7.36E-03	-1.00E+00	386280.2	3753422	11
883	GRID	2.14E-07	2.68E-03	7.73E-03	-1.00E+00	386280.2	3753472	11
884	GRID	2.35E-07	2.77E-03	8.11E-03	-1.00E+00	386280.2	3753522	11
885	GRID	2.74E-07	2.84E-03	8.41E-03	-1.00E+00	386280.2	3753572	11
886	GRID	3.24E-07	2.91E-03	8.71E-03	-1.00E+00	386280.2	3753622	11
887	GRID	3.57E-07	2.98E-03	8.98E-03	-1.00E+00	386280.2	3753672	11
888	GRID	3.87E-07	3.05E-03	9.13E-03	-1.00E+00	386280.2	3753722	11
889	GRID	4.31E-07	3.11E-03	9.21E-03	-1.00E+00	386280.2	3753772	11
890	GRID	4.48E-07	3.13E-03	9.20E-03	-1.00E+00	386280.2	3753822	11
891	GRID	4.22E-07	3.10E-03	9.10E-03	-1.00E+00	386280.2	3753872	11
892	GRID	3.82E-07	3.02E-03	8.87E-03	-1.00E+00	386280.2	3753922	11
893	GRID	3.26E-07	2.90E-03	8.61E-03	-1.00E+00	386280.2	3753972	11
894	GRID	2.75E-07	2.76E-03	8.27E-03	-1.00E+00	386280.2	3754022	11
895	GRID	2.38E-07	2.57E-03	7.99E-03	-1.00E+00	386280.2	3754072	11
896	GRID	2.25E-07	2.42E-03	7.62E-03	-1.00E+00	386280.2	3754122	11
897	GRID	2.21E-07	2.28E-03	7.23E-03	-1.00E+00	386280.2	3754172	11
898	GRID	2.20E-07	2.16E-03	6.84E-03	-1.00E+00	386280.2	3754222	11
899	GRID	2.16E-07	1.98E-03	6.67E-03	-1.00E+00	386280.2	3754272	11
900	GRID	2.15E-07	1.87E-03	6.31E-03	-1.00E+00	386280.2	3754322	11
901	GRID	2.11E-07	1.71E-03	6.13E-03	-1.00E+00	386280.2	3754372	11
902	GRID	2.10E-07	1.62E-03	5.80E-03	-1.00E+00	386280.2	3754422	11
903	GRID	2.08E-07	1.53E-03	5.48E-03	-1.00E+00	386280.2	3754472	11
904	GRID	2.04E-07	1.40E-03	5.34E-03	-1.00E+00	386280.2	3754522	11
905	GRID	2.02E-07	1.33E-03	5.04E-03	-1.00E+00	386280.2	3754572	11
906	GRID	1.99E-07	1.25E-03	4.78E-03	-1.00E+00	386280.2	3754622	11
907	GRID	1.96E-07	1.19E-03	4.55E-03	-1.00E+00	386280.2	3754672	11
908	GRID	1.90E-07	1.10E-03	4.44E-03	-1.00E+00	386280.2	3754722	11
909	GRID	1.86E-07	1.04E-03	4.23E-03	-1.00E+00	386280.2	3754772	11
910	GRID	9.81E-08	1.18E-03	3.63E-03	-1.00E+00	386330.2	3752772	11
911	GRID	9.92E-08	1.25E-03	3.81E-03	-1.00E+00	386330.2	3752822	11
912	GRID	1.01E-07	1.33E-03	4.01E-03	-1.00E+00	386330.2	3752872	11
913	GRID	1.03E-07	1.41E-03	4.23E-03	-1.00E+00	386330.2	3752922	11
914	GRID	1.07E-07	1.52E-03	4.50E-03	-1.00E+00	386330.2	3752972	11
915	GRID	1.11E-07	1.63E-03	4.76E-03	-1.00E+00	386330.2	3753022	11
916	GRID	1.17E-07	1.74E-03	5.04E-03	-1.00E+00	386330.2	3753072	11
917	GRID	1.25E-07	1.87E-03	5.35E-03	-1.00E+00	386330.2	3753122	11
918	GRID	1.37E-07	2.05E-03	5.75E-03	-1.00E+00	386330.2	3753172	11
919	GRID	1.52E-07	2.23E-03	6.16E-03	-1.00E+00	386330.2	3753222	11
920	GRID	1.67E-07	2.39E-03	6.56E-03	-1.00E+00	386330.2	3753272	11
921	GRID	1.85E-07	2.55E-03	7.01E-03	-1.00E+00	386330.2	3753322	11
922	GRID	2.05E-07	2.69E-03	7.41E-03	-1.00E+00	386330.2	3753372	11
923	GRID	2.27E-07	2.82E-03	7.86E-03	-1.00E+00	386330.2	3753422	11
924	GRID	2.51E-07	2.95E-03	8.30E-03	-1.00E+00	386330.2	3753472	11
925	GRID	2.78E-07	3.07E-03	8.76E-03	-1.00E+00	386330.2	3753522	11
926	GRID	3.26E-07	3.18E-03	9.17E-03	-1.00E+00	386330.2	3753572	11
927	GRID	4.02E-07	3.27E-03	9.56E-03	-1.00E+00	386330.2	3753622	11
928	GRID	4.60E-07	3.34E-03	9.86E-03	-1.00E+00	386330.2	3753672	11
929	GRID	5.05E-07	3.41E-03	1.01E-02	-1.00E+00	386330.2	3753722	11
930	GRID	5.74E-07	3.52E-03	1.03E-02	-1.00E+00	386330.2	3753772	11
931	GRID	5.94E-07	3.55E-03	1.02E-02	-1.00E+00	386330.2	3753822	11
932	GRID	5.52E-07	3.51E-03	1.01E-02	-1.00E+00	386330.2	3753872	11
933	GRID	4.79E-07	3.40E-03	9.82E-03	-1.00E+00	386330.2	3753922	11
934	GRID	3.90E-07	3.24E-03	9.47E-03	-1.00E+00	386330.2	3753972	11
935	GRID	3.19E-07	3.05E-03	9.06E-03	-1.00E+00	386330.2	3754022	11
936	GRID	2.83E-07	2.85E-03	8.60E-03	-1.00E+00	386330.2	3754072	11
937	GRID	2.69E-07	2.68E-03	8.16E-03	-1.00E+00	386330.2	3754122	11
938	GRID	2.58E-07	2.49E-03	7.75E-03	-1.00E+00	386330.2	3754172	11
939	GRID	2.51E-07	2.34E-03	7.29E-03	-1.00E+00	386330.2	3754222	11
940	GRID	2.44E-07	2.16E-03	6.96E-03	-1.00E+00	386330.2	3754272	11
941	GRID	2.38E-07	2.00E-03	6.64E-03	-1.00E+00	386330.2	3754322	11
942	GRID	2.31E-07	1.83E-03	6.42E-03	-1.00E+00	386330.2	3754372	11
943	GRID	2.27E-07	1.72E-03	6.05E-03	-1.00E+00	386330.2	3754422	11
944	GRID	2.23E-07	1.61E-03	5.69E-03	-1.00E+00	386330.2	3754472	11
945	GRID	2.19E-07	1.52E-03	5.36E-03	-1.00E+00	386330.2	3754522	11
946	GRID	2.12E-07	1.39E-03	5.22E-03	-1.00E+00	386330.2	3754572	11
947	GRID	2.07E-07	1.31E-03	4.94E-03	-1.00E+00	386330.2	3754622	11
948	GRID	2.03E-07	1.23E-03	4.68E-03	-1.00E+00	386330.2	3754672	11
949	GRID	1.98E-07	1.16E-03	4.43E-03	-1.00E+00	386330.2	3754722	11
950	GRID	1.91E-07	1.07E-03	4.33E-03	-1.00E+00	386330.2	3754772	11
951	GRID	9.96E-08	1.20E-03	3.70E-03	-1.00E+00	386380.2	3752772	11
952	GRID	1.01E-07	1.28E-03	3.89E-03	-1.00E+00	386380.2	3752822	11
953	GRID	1.03E-07	1.37E-03	4.13E-03	-1.00E+00	386380.2	3752872	11
954	GRID	1.05E-07	1.46E-03	4.37E-03	-1.00E+00	386380.2	3752922	11
955	GRID	1.08E-07	1.57E-03	4.62E-03	-1.00E+00	386380.2	3752972	11
956	GRID	1.12E-07	1.68E-03	4.91E-03	-1.00E+00	386380.2	3753022	11
957	GRID	1.18E-07	1.81E-03	5.23E-03	-1.00E+00	386380.2	3753072	11
958	GRID	1.26E-07	1.95E-03	5.55E-03	-1.00E+00	386380.2	3753122	11
959	GRID	1.38E-07	2.13E-03	5.97E-03	-1.00E+00	386380.2	3753172	11

Receptor	Type	Cancer	Chronic	Acute Simp	Acute Max	UTME	UTMN	ZONE
960	GRID	1.55E-07	2.33E-03	6.44E-03	-1.00E+00	386380.2	3753222	11
961	GRID	1.74E-07	2.52E-03	6.87E-03	-1.00E+00	386380.2	3753272	11
962	GRID	1.97E-07	2.72E-03	7.35E-03	-1.00E+00	386380.2	3753322	11
963	GRID	2.25E-07	2.91E-03	7.87E-03	-1.00E+00	386380.2	3753372	11
964	GRID	2.57E-07	3.09E-03	8.36E-03	-1.00E+00	386380.2	3753422	11
965	GRID	2.94E-07	3.26E-03	8.91E-03	-1.00E+00	386380.2	3753472	11
966	GRID	3.34E-07	3.42E-03	9.45E-03	-1.00E+00	386380.2	3753522	11
967	GRID	3.95E-07	3.60E-03	1.01E-02	-1.00E+00	386380.2	3753572	11
968	GRID	5.01E-07	3.72E-03	1.06E-02	-1.00E+00	386380.2	3753622	11
969	GRID	6.05E-07	3.85E-03	1.11E-02	-1.00E+00	386380.2	3753672	11
970	GRID	6.76E-07	3.95E-03	1.14E-02	-1.00E+00	386380.2	3753722	11
971	GRID	7.78E-07	4.04E-03	1.15E-02	-1.00E+00	386380.2	3753772	11
972	GRID	7.94E-07	4.08E-03	1.15E-02	-1.00E+00	386380.2	3753822	11
973	GRID	7.26E-07	4.01E-03	1.13E-02	-1.00E+00	386380.2	3753872	11
974	GRID	6.00E-07	3.85E-03	1.09E-02	-1.00E+00	386380.2	3753922	11
975	GRID	4.67E-07	3.63E-03	1.05E-02	-1.00E+00	386380.2	3753972	11
976	GRID	3.87E-07	3.38E-03	9.93E-03	-1.00E+00	386380.2	3754022	11
977	GRID	3.51E-07	3.15E-03	9.36E-03	-1.00E+00	386380.2	3754072	11
978	GRID	3.27E-07	2.95E-03	8.78E-03	-1.00E+00	386380.2	3754122	11
979	GRID	3.07E-07	2.76E-03	8.22E-03	-1.00E+00	386380.2	3754172	11
980	GRID	2.89E-07	2.55E-03	7.76E-03	-1.00E+00	386380.2	3754222	11
981	GRID	2.76E-07	2.38E-03	7.25E-03	-1.00E+00	386380.2	3754272	11
982	GRID	2.63E-07	2.15E-03	6.98E-03	-1.00E+00	386380.2	3754322	11
983	GRID	2.53E-07	1.98E-03	6.62E-03	-1.00E+00	386380.2	3754372	11
984	GRID	2.44E-07	1.82E-03	6.29E-03	-1.00E+00	386380.2	3754422	11
985	GRID	2.37E-07	1.70E-03	5.92E-03	-1.00E+00	386380.2	3754472	11
986	GRID	2.29E-07	1.56E-03	5.66E-03	-1.00E+00	386380.2	3754522	11
987	GRID	2.22E-07	1.45E-03	5.38E-03	-1.00E+00	386380.2	3754572	11
988	GRID	2.16E-07	1.36E-03	5.08E-03	-1.00E+00	386380.2	3754622	11
989	GRID	2.10E-07	1.27E-03	4.81E-03	-1.00E+00	386380.2	3754672	11
990	GRID	2.05E-07	1.19E-03	4.55E-03	-1.00E+00	386380.2	3754722	11
991	GRID	1.98E-07	1.10E-03	4.43E-03	-1.00E+00	386380.2	3754772	11
992	GRID	1.02E-07	1.23E-03	3.78E-03	-1.00E+00	386430.2	3752772	11
993	GRID	1.03E-07	1.31E-03	3.99E-03	-1.00E+00	386430.2	3752822	11
994	GRID	1.05E-07	1.40E-03	4.23E-03	-1.00E+00	386430.2	3752872	11
995	GRID	1.07E-07	1.50E-03	4.47E-03	-1.00E+00	386430.2	3752922	11
996	GRID	1.10E-07	1.61E-03	4.76E-03	-1.00E+00	386430.2	3752972	11
997	GRID	1.14E-07	1.73E-03	5.06E-03	-1.00E+00	386430.2	3753022	11
998	GRID	1.20E-07	1.87E-03	5.39E-03	-1.00E+00	386430.2	3753072	11
999	GRID	1.28E-07	2.02E-03	5.76E-03	-1.00E+00	386430.2	3753122	11
1000	GRID	1.40E-07	2.21E-03	6.20E-03	-1.00E+00	386430.2	3753172	11
1001	GRID	1.57E-07	2.41E-03	6.67E-03	-1.00E+00	386430.2	3753222	11
1002	GRID	1.79E-07	2.63E-03	7.16E-03	-1.00E+00	386430.2	3753272	11
1003	GRID	2.10E-07	2.89E-03	7.73E-03	-1.00E+00	386430.2	3753322	11
1004	GRID	2.49E-07	3.15E-03	8.35E-03	-1.00E+00	386430.2	3753372	11
1005	GRID	2.95E-07	3.40E-03	8.98E-03	-1.00E+00	386430.2	3753422	11
1006	GRID	3.51E-07	3.65E-03	9.66E-03	-1.00E+00	386430.2	3753472	11
1007	GRID	4.12E-07	3.88E-03	1.04E-02	-1.00E+00	386430.2	3753522	11
1008	GRID	4.93E-07	4.11E-03	1.11E-02	-1.00E+00	386430.2	3753572	11
1009	GRID	6.17E-07	4.27E-03	1.18E-02	-1.00E+00	386430.2	3753622	11
1010	GRID	7.94E-07	4.47E-03	1.25E-02	-1.00E+00	386430.2	3753672	11
1011	GRID	9.14E-07	4.59E-03	1.28E-02	-1.00E+00	386430.2	3753722	11
1012	GRID	1.07E-06	4.70E-03	1.30E-02	-1.00E+00	386430.2	3753772	11
1013	GRID	1.07E-06	4.74E-03	1.30E-02	-1.00E+00	386430.2	3753822	11
1014	GRID	9.52E-07	4.63E-03	1.27E-02	-1.00E+00	386430.2	3753872	11
1015	GRID	7.40E-07	4.39E-03	1.22E-02	-1.00E+00	386430.2	3753922	11
1016	GRID	5.76E-07	4.09E-03	1.16E-02	-1.00E+00	386430.2	3753972	11
1017	GRID	4.99E-07	3.78E-03	1.09E-02	-1.00E+00	386430.2	3754022	11
1018	GRID	4.47E-07	3.51E-03	1.02E-02	-1.00E+00	386430.2	3754072	11
1019	GRID	4.01E-07	3.26E-03	9.48E-03	-1.00E+00	386430.2	3754122	11
1020	GRID	3.63E-07	3.03E-03	8.80E-03	-1.00E+00	386430.2	3754172	11
1021	GRID	3.32E-07	2.77E-03	8.24E-03	-1.00E+00	386430.2	3754222	11
1022	GRID	3.10E-07	2.57E-03	7.65E-03	-1.00E+00	386430.2	3754272	11
1023	GRID	2.89E-07	2.30E-03	7.32E-03	-1.00E+00	386430.2	3754322	11
1024	GRID	2.75E-07	2.13E-03	6.83E-03	-1.00E+00	386430.2	3754372	11
1025	GRID	2.61E-07	1.92E-03	6.54E-03	-1.00E+00	386430.2	3754422	11
1026	GRID	2.51E-07	1.78E-03	6.13E-03	-1.00E+00	386430.2	3754472	11
1027	GRID	2.40E-07	1.61E-03	5.90E-03	-1.00E+00	386430.2	3754522	11
1028	GRID	2.33E-07	1.50E-03	5.54E-03	-1.00E+00	386430.2	3754572	11
1029	GRID	2.26E-07	1.40E-03	5.21E-03	-1.00E+00	386430.2	3754622	11
1030	GRID	2.19E-07	1.31E-03	4.92E-03	-1.00E+00	386430.2	3754672	11
1031	GRID	2.13E-07	1.21E-03	4.70E-03	-1.00E+00	386430.2	3754722	11
1032	GRID	2.06E-07	1.12E-03	4.51E-03	-1.00E+00	386430.2	3754772	11
1033	GRID	1.01E-07	1.25E-03	3.85E-03	-1.00E+00	386480.2	3752772	11
1034	GRID	1.04E-07	1.33E-03	4.07E-03	-1.00E+00	386480.2	3752822	11
1035	GRID	1.06E-07	1.43E-03	4.31E-03	-1.00E+00	386480.2	3752872	11
1036	GRID	1.09E-07	1.53E-03	4.57E-03	-1.00E+00	386480.2	3752922	11
1037	GRID	1.12E-07	1.65E-03	4.87E-03	-1.00E+00	386480.2	3752972	11
1038	GRID	1.17E-07	1.78E-03	5.20E-03	-1.00E+00	386480.2	3753022	11
1039	GRID	1.23E-07	1.93E-03	5.56E-03	-1.00E+00	386480.2	3753072	11
1040	GRID	1.31E-07	2.09E-03	5.96E-03	-1.00E+00	386480.2	3753122	11
1041	GRID	1.42E-07	2.28E-03	6.39E-03	-1.00E+00	386480.2	3753172	11
1042	GRID	1.59E-07	2.49E-03	6.90E-03	-1.00E+00	386480.2	3753222	11
1043	GRID	1.84E-07	2.76E-03	7.50E-03	-1.00E+00	386480.2	3753272	11
1044	GRID	2.19E-07	3.04E-03	8.11E-03	-1.00E+00	386480.2	3753322	11
1045	GRID	2.67E-07	3.35E-03	8.77E-03	-1.00E+00	386480.2	3753372	11
1046	GRID	3.32E-07	3.68E-03	9.51E-03	-1.00E+00	386480.2	3753422	11
1047	GRID	4.18E-07	4.07E-03	1.04E-02	-1.00E+00	386480.2	3753472	11
1048	GRID	5.16E-07	4.39E-03	1.13E-02	-1.00E+00	386480.2	3753522	11
1049	GRID	6.23E-07	4.74E-03	1.23E-02	-1.00E+00	386480.2	3753572	11
1050	GRID	7.77E-07	4.97E-03	1.31E-02	-1.00E+00	386480.2	3753622	11
1051	GRID	1.04E-06	5.25E-03	1.40E-02	-1.00E+00	386480.2	3753672	11
1052	GRID	1.25E-06	5.40E-03	1.46E-02	-1.00E+00	386480.2	3753722	11
1053	GRID	1.49E-06	5.54E-03	1.48E-02	-1.00E+00	386480.2	3753772	11
1054	GRID	1.47E-06	5.58E-03	1.48E-02	-1.00E+00	386480.2	3753822	11
1055	GRID	1.23E-06	5.40E-03	1.44E-02	-1.00E+00	386480.2	3753872	11
1056	GRID	9.22E-07	5.05E-03	1.37E-02	-1.00E+00	386480.2	3753922	11

Receptor	Type	Cancer	Chronic	Acute Simp	Acute Max	UTME	UTMN	ZONE
1057	GRID	7.65E-07	4.64E-03	1.29E-02	-1.00E+00	386480.2	3753972	11
1058	GRID	6.67E-07	4.27E-03	1.20E-02	-1.00E+00	386480.2	3754022	11
1059	GRID	5.73E-07	3.93E-03	1.11E-02	-1.00E+00	386480.2	3754072	11
1060	GRID	4.93E-07	3.62E-03	1.02E-02	-1.00E+00	386480.2	3754122	11
1061	GRID	4.29E-07	3.32E-03	9.39E-03	-1.00E+00	386480.2	3754172	11
1062	GRID	3.78E-07	3.01E-03	8.74E-03	-1.00E+00	386480.2	3754222	11
1063	GRID	3.42E-07	2.77E-03	8.03E-03	-1.00E+00	386480.2	3754272	11
1064	GRID	3.15E-07	2.45E-03	7.67E-03	-1.00E+00	386480.2	3754322	11
1065	GRID	2.94E-07	2.19E-03	7.30E-03	-1.00E+00	386480.2	3754372	11
1066	GRID	2.79E-07	2.01E-03	6.79E-03	-1.00E+00	386480.2	3754422	11
1067	GRID	2.65E-07	1.81E-03	6.47E-03	-1.00E+00	386480.2	3754472	11
1068	GRID	2.54E-07	1.67E-03	6.07E-03	-1.00E+00	386480.2	3754522	11
1069	GRID	2.45E-07	1.55E-03	5.68E-03	-1.00E+00	386480.2	3754572	11
1070	GRID	2.37E-07	1.44E-03	5.33E-03	-1.00E+00	386480.2	3754622	11
1071	GRID	2.28E-07	1.30E-03	5.14E-03	-1.00E+00	386480.2	3754672	11
1072	GRID	2.21E-07	1.22E-03	4.85E-03	-1.00E+00	386480.2	3754722	11
1073	GRID	2.14E-07	1.14E-03	4.60E-03	-1.00E+00	386480.2	3754772	11
1074	GRID	9.95E-08	1.26E-03	3.90E-03	-1.00E+00	386530.2	3752772	11
1075	GRID	1.02E-07	1.34E-03	4.13E-03	-1.00E+00	386530.2	3752822	11
1076	GRID	1.04E-07	1.43E-03	4.38E-03	-1.00E+00	386530.2	3752872	11
1077	GRID	1.07E-07	1.54E-03	4.65E-03	-1.00E+00	386530.2	3752922	11
1078	GRID	1.11E-07	1.66E-03	4.94E-03	-1.00E+00	386530.2	3752972	11
1079	GRID	1.16E-07	1.80E-03	5.29E-03	-1.00E+00	386530.2	3753022	11
1080	GRID	1.24E-07	1.97E-03	5.70E-03	-1.00E+00	386530.2	3753072	11
1081	GRID	1.33E-07	2.15E-03	6.13E-03	-1.00E+00	386530.2	3753122	11
1082	GRID	1.46E-07	2.35E-03	6.61E-03	-1.00E+00	386530.2	3753172	11
1083	GRID	1.63E-07	2.59E-03	7.15E-03	-1.00E+00	386530.2	3753222	11
1084	GRID	1.89E-07	2.85E-03	7.74E-03	-1.00E+00	386530.2	3753272	11
1085	GRID	2.27E-07	3.20E-03	8.52E-03	-1.00E+00	386530.2	3753322	11
1086	GRID	2.81E-07	3.56E-03	9.27E-03	-1.00E+00	386530.2	3753372	11
1087	GRID	3.58E-07	3.98E-03	1.01E-02	-1.00E+00	386530.2	3753422	11
1088	GRID	4.73E-07	4.43E-03	1.11E-02	-1.00E+00	386530.2	3753472	11
1089	GRID	6.21E-07	4.90E-03	1.21E-02	-1.00E+00	386530.2	3753522	11
1090	GRID	8.96E-07	4.86E-03	1.32E-02	-1.00E+00	386530.2	3754022	11
1091	GRID	7.31E-07	4.43E-03	1.20E-02	-1.00E+00	386530.2	3754072	11
1092	GRID	5.90E-07	4.02E-03	1.10E-02	-1.00E+00	386530.2	3754122	11
1093	GRID	4.88E-07	3.64E-03	9.97E-03	-1.00E+00	386530.2	3754172	11
1094	GRID	4.19E-07	3.26E-03	9.20E-03	-1.00E+00	386530.2	3754222	11
1095	GRID	3.74E-07	2.94E-03	8.48E-03	-1.00E+00	386530.2	3754272	11
1096	GRID	3.41E-07	2.59E-03	7.98E-03	-1.00E+00	386530.2	3754322	11
1097	GRID	3.16E-07	2.29E-03	7.56E-03	-1.00E+00	386530.2	3754372	11
1098	GRID	2.98E-07	2.09E-03	7.01E-03	-1.00E+00	386530.2	3754422	11
1099	GRID	2.81E-07	1.86E-03	6.67E-03	-1.00E+00	386530.2	3754472	11
1100	GRID	2.68E-07	1.72E-03	6.21E-03	-1.00E+00	386530.2	3754522	11
1101	GRID	2.56E-07	1.58E-03	5.82E-03	-1.00E+00	386530.2	3754572	11
1102	GRID	2.44E-07	1.43E-03	5.58E-03	-1.00E+00	386530.2	3754622	11
1103	GRID	2.35E-07	1.34E-03	5.24E-03	-1.00E+00	386530.2	3754672	11
1104	GRID	2.26E-07	1.23E-03	5.00E-03	-1.00E+00	386530.2	3754722	11
1105	GRID	2.18E-07	1.14E-03	4.77E-03	-1.00E+00	386530.2	3754772	11
1106	GRID	9.62E-08	1.25E-03	3.93E-03	-1.00E+00	386580.2	3752772	11
1107	GRID	9.86E-08	1.34E-03	4.16E-03	-1.00E+00	386580.2	3752822	11
1108	GRID	1.01E-07	1.44E-03	4.43E-03	-1.00E+00	386580.2	3752872	11
1109	GRID	1.05E-07	1.55E-03	4.73E-03	-1.00E+00	386580.2	3752922	11
1110	GRID	1.09E-07	1.68E-03	5.03E-03	-1.00E+00	386580.2	3752972	11
1111	GRID	1.15E-07	1.82E-03	5.39E-03	-1.00E+00	386580.2	3753022	11
1112	GRID	1.22E-07	1.98E-03	5.80E-03	-1.00E+00	386580.2	3753072	11
1113	GRID	1.32E-07	2.17E-03	6.24E-03	-1.00E+00	386580.2	3753122	11
1114	GRID	1.46E-07	2.41E-03	6.79E-03	-1.00E+00	386580.2	3753172	11
1115	GRID	1.64E-07	2.66E-03	7.38E-03	-1.00E+00	386580.2	3753222	11
1116	GRID	1.90E-07	2.95E-03	8.05E-03	-1.00E+00	386580.2	3753272	11
1117	GRID	2.28E-07	3.29E-03	8.80E-03	-1.00E+00	386580.2	3753322	11
1118	GRID	2.85E-07	3.70E-03	9.65E-03	-1.00E+00	386580.2	3753372	11
1119	GRID	3.74E-07	4.23E-03	1.07E-02	-1.00E+00	386580.2	3753422	11
1120	GRID	5.02E-07	4.80E-03	1.19E-02	-1.00E+00	386580.2	3753472	11
1121	GRID	7.06E-07	5.54E-03	1.33E-02	-1.00E+00	386580.2	3753522	11
1122	GRID	1.13E-06	5.58E-03	1.44E-02	-1.00E+00	386580.2	3754022	11
1123	GRID	8.52E-07	4.99E-03	1.30E-02	-1.00E+00	386580.2	3754072	11
1124	GRID	6.62E-07	4.44E-03	1.17E-02	-1.00E+00	386580.2	3754122	11
1125	GRID	5.38E-07	3.91E-03	1.07E-02	-1.00E+00	386580.2	3754172	11
1126	GRID	4.60E-07	3.49E-03	9.65E-03	-1.00E+00	386580.2	3754222	11
1127	GRID	4.04E-07	3.01E-03	9.03E-03	-1.00E+00	386580.2	3754272	11
1128	GRID	3.65E-07	2.68E-03	8.36E-03	-1.00E+00	386580.2	3754322	11
1129	GRID	3.35E-07	2.38E-03	7.78E-03	-1.00E+00	386580.2	3754372	11
1130	GRID	3.11E-07	2.14E-03	7.26E-03	-1.00E+00	386580.2	3754422	11
1131	GRID	2.92E-07	1.92E-03	6.83E-03	-1.00E+00	386580.2	3754472	11
1132	GRID	2.76E-07	1.77E-03	6.35E-03	-1.00E+00	386580.2	3754522	11
1133	GRID	2.61E-07	1.59E-03	6.05E-03	-1.00E+00	386580.2	3754572	11
1134	GRID	2.49E-07	1.47E-03	5.67E-03	-1.00E+00	386580.2	3754622	11
1135	GRID	2.37E-07	1.34E-03	5.43E-03	-1.00E+00	386580.2	3754672	11
1136	GRID	2.27E-07	1.25E-03	5.13E-03	-1.00E+00	386580.2	3754722	11
1137	GRID	2.18E-07	1.14E-03	4.93E-03	-1.00E+00	386580.2	3754772	11
1138	GRID	9.44E-08	1.24E-03	3.98E-03	-1.00E+00	386630.2	3752772	11
1139	GRID	9.62E-08	1.33E-03	4.19E-03	-1.00E+00	386630.2	3752822	11
1140	GRID	9.92E-08	1.43E-03	4.47E-03	-1.00E+00	386630.2	3752872	11
1141	GRID	1.03E-07	1.55E-03	4.78E-03	-1.00E+00	386630.2	3752922	11
1142	GRID	1.07E-07	1.68E-03	5.12E-03	-1.00E+00	386630.2	3752972	11
1143	GRID	1.13E-07	1.82E-03	5.48E-03	-1.00E+00	386630.2	3753022	11
1144	GRID	1.20E-07	1.99E-03	5.89E-03	-1.00E+00	386630.2	3753072	11
1145	GRID	1.29E-07	2.19E-03	6.37E-03	-1.00E+00	386630.2	3753122	11
1146	GRID	1.41E-07	2.41E-03	6.91E-03	-1.00E+00	386630.2	3753172	11
1147	GRID	1.59E-07	2.67E-03	7.52E-03	-1.00E+00	386630.2	3753222	11
1148	GRID	1.85E-07	3.01E-03	8.30E-03	-1.00E+00	386630.2	3753272	11
1149	GRID	2.22E-07	3.38E-03	9.09E-03	-1.00E+00	386630.2	3753322	11
1150	GRID	2.77E-07	3.83E-03	1.00E-02	-1.00E+00	386630.2	3753372	11
1151	GRID	3.64E-07	4.42E-03	1.13E-02	-1.00E+00	386630.2	3753422	11
1152	GRID	5.00E-07	5.10E-03	1.26E-02	-1.00E+00	386630.2	3753472	11
1153	GRID	7.25E-07	6.02E-03	1.42E-02	-1.00E+00	386630.2	3753522	11

Receptor	Type	Cancer	Chronic	Acute Simp	Acute Max	UTME	UTMN	ZONE
1154	GRID	1.26E-06	6.34E-03	1.56E-02	-1.00E+00	386630.2	3754022	11
1155	GRID	9.33E-07	5.48E-03	1.40E-02	-1.00E+00	386630.2	3754072	11
1156	GRID	7.22E-07	4.77E-03	1.24E-02	-1.00E+00	386630.2	3754122	11
1157	GRID	5.81E-07	4.15E-03	1.12E-02	-1.00E+00	386630.2	3754172	11
1158	GRID	4.86E-07	3.54E-03	1.03E-02	-1.00E+00	386630.2	3754222	11
1159	GRID	4.23E-07	3.15E-03	9.33E-03	-1.00E+00	386630.2	3754272	11
1160	GRID	3.76E-07	2.73E-03	8.71E-03	-1.00E+00	386630.2	3754322	11
1161	GRID	3.42E-07	2.45E-03	7.98E-03	-1.00E+00	386630.2	3754372	11
1162	GRID	3.14E-07	2.16E-03	7.52E-03	-1.00E+00	386630.2	3754422	11
1163	GRID	2.93E-07	1.97E-03	6.96E-03	-1.00E+00	386630.2	3754472	11
1164	GRID	2.74E-07	1.78E-03	6.55E-03	-1.00E+00	386630.2	3754522	11
1165	GRID	2.59E-07	1.62E-03	6.14E-03	-1.00E+00	386630.2	3754572	11
1166	GRID	2.44E-07	1.46E-03	5.88E-03	-1.00E+00	386630.2	3754622	11
1167	GRID	2.32E-07	1.34E-03	5.58E-03	-1.00E+00	386630.2	3754672	11
1168	GRID	2.22E-07	1.24E-03	5.29E-03	-1.00E+00	386630.2	3754722	11
1169	GRID	2.13E-07	1.15E-03	5.02E-03	-1.00E+00	386630.2	3754772	11
1170	GRID	9.36E-08	1.24E-03	3.98E-03	-1.00E+00	386680.2	3752772	11
1171	GRID	9.58E-08	1.32E-03	4.22E-03	-1.00E+00	386680.2	3752822	11
1172	GRID	9.84E-08	1.42E-03	4.50E-03	-1.00E+00	386680.2	3752872	11
1173	GRID	1.02E-07	1.53E-03	4.79E-03	-1.00E+00	386680.2	3752922	11
1174	GRID	1.06E-07	1.67E-03	5.14E-03	-1.00E+00	386680.2	3752972	11
1175	GRID	1.12E-07	1.82E-03	5.54E-03	-1.00E+00	386680.2	3753022	11
1176	GRID	1.18E-07	1.99E-03	5.98E-03	-1.00E+00	386680.2	3753072	11
1177	GRID	1.27E-07	2.18E-03	6.47E-03	-1.00E+00	386680.2	3753122	11
1178	GRID	1.39E-07	2.41E-03	7.02E-03	-1.00E+00	386680.2	3753172	11
1179	GRID	1.54E-07	2.67E-03	7.67E-03	-1.00E+00	386680.2	3753222	11
1180	GRID	1.77E-07	3.03E-03	8.46E-03	-1.00E+00	386680.2	3753272	11
1181	GRID	2.08E-07	3.41E-03	9.33E-03	-1.00E+00	386680.2	3753322	11
1182	GRID	2.54E-07	3.88E-03	1.04E-02	-1.00E+00	386680.2	3753372	11
1183	GRID	3.27E-07	4.53E-03	1.17E-02	-1.00E+00	386680.2	3753422	11
1184	GRID	4.40E-07	5.27E-03	1.31E-02	-1.00E+00	386680.2	3753472	11
1185	GRID	6.34E-07	6.33E-03	1.50E-02	-1.00E+00	386680.2	3753522	11
1186	GRID	1.28E-06	7.05E-03	1.67E-02	-1.00E+00	386680.2	3754022	11
1187	GRID	9.45E-07	5.94E-03	1.47E-02	-1.00E+00	386680.2	3754072	11
1188	GRID	7.22E-07	4.87E-03	1.32E-02	-1.00E+00	386680.2	3754122	11
1189	GRID	5.78E-07	4.21E-03	1.18E-02	-1.00E+00	386680.2	3754172	11
1190	GRID	4.82E-07	3.68E-03	1.06E-02	-1.00E+00	386680.2	3754222	11
1191	GRID	4.15E-07	3.14E-03	9.77E-03	-1.00E+00	386680.2	3754272	11
1192	GRID	3.68E-07	2.80E-03	8.89E-03	-1.00E+00	386680.2	3754322	11
1193	GRID	3.31E-07	2.44E-03	8.30E-03	-1.00E+00	386680.2	3754372	11
1194	GRID	3.05E-07	2.21E-03	7.63E-03	-1.00E+00	386680.2	3754422	11
1195	GRID	2.83E-07	2.00E-03	7.08E-03	-1.00E+00	386680.2	3754472	11
1196	GRID	2.64E-07	1.79E-03	6.68E-03	-1.00E+00	386680.2	3754522	11
1197	GRID	2.48E-07	1.60E-03	6.35E-03	-1.00E+00	386680.2	3754572	11
1198	GRID	2.34E-07	1.44E-03	6.03E-03	-1.00E+00	386680.2	3754622	11
1199	GRID	2.21E-07	1.31E-03	5.76E-03	-1.00E+00	386680.2	3754672	11
1200	GRID	2.12E-07	1.22E-03	5.43E-03	-1.00E+00	386680.2	3754722	11
1201	GRID	2.03E-07	1.13E-03	5.13E-03	-1.00E+00	386680.2	3754772	11
1202	GRID	9.56E-08	1.24E-03	4.02E-03	-1.00E+00	386730.2	3752772	11
1203	GRID	9.71E-08	1.32E-03	4.25E-03	-1.00E+00	386730.2	3752822	11
1204	GRID	9.98E-08	1.42E-03	4.53E-03	-1.00E+00	386730.2	3752872	11
1205	GRID	1.03E-07	1.53E-03	4.84E-03	-1.00E+00	386730.2	3752922	11
1206	GRID	1.07E-07	1.66E-03	5.18E-03	-1.00E+00	386730.2	3752972	11
1207	GRID	1.13E-07	1.81E-03	5.58E-03	-1.00E+00	386730.2	3753022	11
1208	GRID	1.19E-07	1.98E-03	6.02E-03	-1.00E+00	386730.2	3753072	11
1209	GRID	1.28E-07	2.18E-03	6.52E-03	-1.00E+00	386730.2	3753122	11
1210	GRID	1.39E-07	2.40E-03	7.08E-03	-1.00E+00	386730.2	3753172	11
1211	GRID	1.53E-07	2.67E-03	7.74E-03	-1.00E+00	386730.2	3753222	11
1212	GRID	1.74E-07	3.02E-03	8.58E-03	-1.00E+00	386730.2	3753272	11
1213	GRID	2.01E-07	3.40E-03	9.48E-03	-1.00E+00	386730.2	3753322	11
1214	GRID	2.42E-07	3.87E-03	1.05E-02	-1.00E+00	386730.2	3753372	11
1215	GRID	3.06E-07	4.53E-03	1.19E-02	-1.00E+00	386730.2	3753422	11
1216	GRID	4.07E-07	5.29E-03	1.35E-02	-1.00E+00	386730.2	3753472	11
1217	GRID	5.81E-07	6.40E-03	1.56E-02	-1.00E+00	386730.2	3753522	11
1218	GRID	1.15E-06	7.62E-03	1.74E-02	-1.00E+00	386730.2	3754022	11
1219	GRID	8.58E-07	6.19E-03	1.52E-02	-1.00E+00	386730.2	3754072	11
1220	GRID	6.64E-07	5.01E-03	1.36E-02	-1.00E+00	386730.2	3754122	11
1221	GRID	5.34E-07	4.14E-03	1.23E-02	-1.00E+00	386730.2	3754172	11
1222	GRID	4.49E-07	3.60E-03	1.10E-02	-1.00E+00	386730.2	3754222	11
1223	GRID	3.88E-07	3.15E-03	9.94E-03	-1.00E+00	386730.2	3754272	11
1224	GRID	3.44E-07	2.72E-03	9.19E-03	-1.00E+00	386730.2	3754322	11
1225	GRID	3.11E-07	2.44E-03	8.38E-03	-1.00E+00	386730.2	3754372	11
1226	GRID	2.86E-07	2.20E-03	7.71E-03	-1.00E+00	386730.2	3754422	11
1227	GRID	2.65E-07	1.94E-03	7.26E-03	-1.00E+00	386730.2	3754472	11
1228	GRID	2.47E-07	1.72E-03	6.87E-03	-1.00E+00	386730.2	3754522	11
1229	GRID	2.31E-07	1.53E-03	6.56E-03	-1.00E+00	386730.2	3754572	11
1230	GRID	2.19E-07	1.39E-03	6.20E-03	-1.00E+00	386730.2	3754622	11
1231	GRID	2.08E-07	1.27E-03	5.89E-03	-1.00E+00	386730.2	3754672	11
1232	GRID	1.99E-07	1.18E-03	5.54E-03	-1.00E+00	386730.2	3754722	11
1233	GRID	1.91E-07	1.09E-03	5.24E-03	-1.00E+00	386730.2	3754772	11
1234	GRID	9.85E-08	1.25E-03	4.02E-03	-1.00E+00	386780.2	3752772	11
1235	GRID	1.01E-07	1.33E-03	4.27E-03	-1.00E+00	386780.2	3752822	11
1236	GRID	1.04E-07	1.43E-03	4.54E-03	-1.00E+00	386780.2	3752872	11
1237	GRID	1.07E-07	1.55E-03	4.85E-03	-1.00E+00	386780.2	3752922	11
1238	GRID	1.12E-07	1.68E-03	5.20E-03	-1.00E+00	386780.2	3752972	11
1239	GRID	1.17E-07	1.82E-03	5.59E-03	-1.00E+00	386780.2	3753022	11
1240	GRID	1.23E-07	1.99E-03	6.03E-03	-1.00E+00	386780.2	3753072	11
1241	GRID	1.32E-07	2.18E-03	6.53E-03	-1.00E+00	386780.2	3753122	11
1242	GRID	1.43E-07	2.41E-03	7.10E-03	-1.00E+00	386780.2	3753172	11
1243	GRID	1.58E-07	2.69E-03	7.80E-03	-1.00E+00	386780.2	3753222	11
1244	GRID	1.77E-07	3.02E-03	8.61E-03	-1.00E+00	386780.2	3753272	11
1245	GRID	2.05E-07	3.41E-03	9.53E-03	-1.00E+00	386780.2	3753322	11
1246	GRID	2.47E-07	3.88E-03	1.06E-02	-1.00E+00	386780.2	3753372	11
1247	GRID	3.15E-07	4.54E-03	1.20E-02	-1.00E+00	386780.2	3753422	11
1248	GRID	4.27E-07	5.36E-03	1.37E-02	-1.00E+00	386780.2	3753472	11
1249	GRID	6.19E-07	6.42E-03	1.58E-02	-1.00E+00	386780.2	3753522	11
1250	GRID	1.01E-06	7.45E-03	1.76E-02	-1.00E+00	386780.2	3754022	11

Receptor	Type	Cancer	Chronic	Acute Simp	Acute Max	UTME	UTMN	ZONE
1251	GRID	7.59E-07	6.00E-03	1.53E-02	-1.00E+00	386780.2	3754072	11
1252	GRID	5.88E-07	4.65E-03	1.39E-02	-1.00E+00	386780.2	3754122	11
1253	GRID	4.77E-07	3.88E-03	1.25E-02	-1.00E+00	386780.2	3754172	11
1254	GRID	4.03E-07	3.38E-03	1.12E-02	-1.00E+00	386780.2	3754222	11
1255	GRID	3.51E-07	2.98E-03	1.01E-02	-1.00E+00	386780.2	3754272	11
1256	GRID	3.13E-07	2.63E-03	9.24E-03	-1.00E+00	386780.2	3754322	11
1257	GRID	2.84E-07	2.30E-03	8.56E-03	-1.00E+00	386780.2	3754372	11
1258	GRID	2.62E-07	2.08E-03	7.87E-03	-1.00E+00	386780.2	3754422	11
1259	GRID	2.44E-07	1.85E-03	7.37E-03	-1.00E+00	386780.2	3754472	11
1260	GRID	2.25E-07	1.55E-03	7.20E-03	-1.00E+00	386780.2	3754522	11
1261	GRID	2.13E-07	1.41E-03	6.77E-03	-1.00E+00	386780.2	3754572	11
1262	GRID	2.02E-07	1.30E-03	6.35E-03	-1.00E+00	386780.2	3754622	11
1263	GRID	1.93E-07	1.21E-03	5.96E-03	-1.00E+00	386780.2	3754672	11
1264	GRID	1.85E-07	1.12E-03	5.61E-03	-1.00E+00	386780.2	3754722	11
1265	GRID	1.78E-07	1.05E-03	5.29E-03	-1.00E+00	386780.2	3754772	11
1266	GRID	1.03E-07	1.25E-03	4.03E-03	-1.00E+00	386830.2	3752772	11
1267	GRID	1.05E-07	1.34E-03	4.27E-03	-1.00E+00	386830.2	3752822	11
1268	GRID	1.08E-07	1.44E-03	4.55E-03	-1.00E+00	386830.2	3752872	11
1269	GRID	1.12E-07	1.56E-03	4.85E-03	-1.00E+00	386830.2	3752922	11
1270	GRID	1.17E-07	1.69E-03	5.20E-03	-1.00E+00	386830.2	3752972	11
1271	GRID	1.23E-07	1.84E-03	5.59E-03	-1.00E+00	386830.2	3753022	11
1272	GRID	1.29E-07	2.01E-03	6.02E-03	-1.00E+00	386830.2	3753072	11
1273	GRID	1.38E-07	2.20E-03	6.51E-03	-1.00E+00	386830.2	3753122	11
1274	GRID	1.49E-07	2.43E-03	7.09E-03	-1.00E+00	386830.2	3753172	11
1275	GRID	1.65E-07	2.73E-03	7.80E-03	-1.00E+00	386830.2	3753222	11
1276	GRID	1.85E-07	3.06E-03	8.58E-03	-1.00E+00	386830.2	3753272	11
1277	GRID	2.13E-07	3.46E-03	9.46E-03	-1.00E+00	386830.2	3753322	11
1278	GRID	2.57E-07	3.97E-03	1.06E-02	-1.00E+00	386830.2	3753372	11
1279	GRID	3.26E-07	4.62E-03	1.19E-02	-1.00E+00	386830.2	3753422	11
1280	GRID	4.43E-07	5.52E-03	1.37E-02	-1.00E+00	386830.2	3753472	11
1281	GRID	6.35E-07	6.71E-03	1.58E-02	-1.00E+00	386830.2	3753522	11
1282	GRID	8.57E-07	6.71E-03	1.73E-02	-1.00E+00	386830.2	3754022	11
1283	GRID	6.50E-07	5.39E-03	1.52E-02	-1.00E+00	386830.2	3754072	11
1284	GRID	5.05E-07	4.00E-03	1.41E-02	-1.00E+00	386830.2	3754122	11
1285	GRID	4.16E-07	3.49E-03	1.26E-02	-1.00E+00	386830.2	3754172	11
1286	GRID	3.55E-07	3.07E-03	1.13E-02	-1.00E+00	386830.2	3754222	11
1287	GRID	3.12E-07	2.73E-03	1.03E-02	-1.00E+00	386830.2	3754272	11
1288	GRID	2.80E-07	2.44E-03	9.34E-03	-1.00E+00	386830.2	3754322	11
1289	GRID	2.57E-07	2.20E-03	8.51E-03	-1.00E+00	386830.2	3754372	11
1290	GRID	2.38E-07	1.99E-03	7.84E-03	-1.00E+00	386830.2	3754422	11
1291	GRID	2.21E-07	1.73E-03	7.48E-03	-1.00E+00	386830.2	3754472	11
1292	GRID	2.06E-07	1.49E-03	7.21E-03	-1.00E+00	386830.2	3754522	11
1293	GRID	1.96E-07	1.38E-03	6.73E-03	-1.00E+00	386830.2	3754572	11
1294	GRID	1.87E-07	1.28E-03	6.29E-03	-1.00E+00	386830.2	3754622	11
1295	GRID	1.80E-07	1.19E-03	5.88E-03	-1.00E+00	386830.2	3754672	11
1296	GRID	1.73E-07	1.11E-03	5.53E-03	-1.00E+00	386830.2	3754722	11
1297	GRID	1.67E-07	1.04E-03	5.22E-03	-1.00E+00	386830.2	3754772	11
1298	GRID	1.08E-07	1.26E-03	4.01E-03	-1.00E+00	386880.2	3752772	11
1299	GRID	1.11E-07	1.35E-03	4.25E-03	-1.00E+00	386880.2	3752822	11
1300	GRID	1.14E-07	1.46E-03	4.52E-03	-1.00E+00	386880.2	3752872	11
1301	GRID	1.18E-07	1.57E-03	4.81E-03	-1.00E+00	386880.2	3752922	11
1302	GRID	1.23E-07	1.70E-03	5.15E-03	-1.00E+00	386880.2	3752972	11
1303	GRID	1.29E-07	1.85E-03	5.53E-03	-1.00E+00	386880.2	3753022	11
1304	GRID	1.36E-07	2.03E-03	5.96E-03	-1.00E+00	386880.2	3753072	11
1305	GRID	1.46E-07	2.24E-03	6.48E-03	-1.00E+00	386880.2	3753122	11
1306	GRID	1.58E-07	2.49E-03	7.06E-03	-1.00E+00	386880.2	3753172	11
1307	GRID	1.73E-07	2.77E-03	7.71E-03	-1.00E+00	386880.2	3753222	11
1308	GRID	1.93E-07	3.10E-03	8.45E-03	-1.00E+00	386880.2	3753272	11
1309	GRID	2.20E-07	3.51E-03	9.31E-03	-1.00E+00	386880.2	3753322	11
1310	GRID	2.62E-07	4.02E-03	1.04E-02	-1.00E+00	386880.2	3753372	11
1311	GRID	3.25E-07	4.68E-03	1.16E-02	-1.00E+00	386880.2	3753422	11
1312	GRID	4.28E-07	5.59E-03	1.33E-02	-1.00E+00	386880.2	3753472	11
1313	GRID	5.86E-07	6.86E-03	1.54E-02	-1.00E+00	386880.2	3753522	11
1314	GRID	7.36E-07	5.93E-03	1.65E-02	-1.00E+00	386880.2	3754022	11
1315	GRID	5.62E-07	4.82E-03	1.48E-02	-1.00E+00	386880.2	3754072	11
1316	GRID	4.43E-07	3.75E-03	1.36E-02	-1.00E+00	386880.2	3754122	11
1317	GRID	3.69E-07	3.31E-03	1.22E-02	-1.00E+00	386880.2	3754172	11
1318	GRID	3.17E-07	2.94E-03	1.10E-02	-1.00E+00	386880.2	3754222	11
1319	GRID	2.81E-07	2.64E-03	9.95E-03	-1.00E+00	386880.2	3754272	11
1320	GRID	2.54E-07	2.38E-03	9.06E-03	-1.00E+00	386880.2	3754322	11
1321	GRID	2.34E-07	2.16E-03	8.28E-03	-1.00E+00	386880.2	3754372	11
1322	GRID	2.16E-07	1.90E-03	7.78E-03	-1.00E+00	386880.2	3754422	11
1323	GRID	2.02E-07	1.69E-03	7.32E-03	-1.00E+00	386880.2	3754472	11
1324	GRID	1.91E-07	1.51E-03	6.91E-03	-1.00E+00	386880.2	3754522	11
1325	GRID	1.81E-07	1.36E-03	6.52E-03	-1.00E+00	386880.2	3754572	11
1326	GRID	1.74E-07	1.26E-03	6.13E-03	-1.00E+00	386880.2	3754622	11
1327	GRID	1.67E-07	1.17E-03	5.74E-03	-1.00E+00	386880.2	3754672	11
1328	GRID	1.62E-07	1.09E-03	5.42E-03	-1.00E+00	386880.2	3754722	11
1329	GRID	1.56E-07	1.01E-03	5.18E-03	-1.00E+00	386880.2	3754772	11
1330	GRID	1.14E-07	1.28E-03	3.98E-03	-1.00E+00	386930.2	3752772	11
1331	GRID	1.17E-07	1.37E-03	4.23E-03	-1.00E+00	386930.2	3752822	11
1332	GRID	1.21E-07	1.48E-03	4.50E-03	-1.00E+00	386930.2	3752872	11
1333	GRID	1.26E-07	1.60E-03	4.81E-03	-1.00E+00	386930.2	3752922	11
1334	GRID	1.31E-07	1.73E-03	5.14E-03	-1.00E+00	386930.2	3752972	11
1335	GRID	1.37E-07	1.88E-03	5.51E-03	-1.00E+00	386930.2	3753022	11
1336	GRID	1.45E-07	2.06E-03	5.92E-03	-1.00E+00	386930.2	3753072	11
1337	GRID	1.54E-07	2.26E-03	6.41E-03	-1.00E+00	386930.2	3753122	11
1338	GRID	1.65E-07	2.50E-03	6.95E-03	-1.00E+00	386930.2	3753172	11
1339	GRID	1.79E-07	2.78E-03	7.55E-03	-1.00E+00	386930.2	3753222	11
1340	GRID	1.98E-07	3.11E-03	8.25E-03	-1.00E+00	386930.2	3753272	11
1341	GRID	2.23E-07	3.51E-03	9.07E-03	-1.00E+00	386930.2	3753322	11
1342	GRID	2.59E-07	4.02E-03	1.00E-02	-1.00E+00	386930.2	3753372	11
1343	GRID	3.12E-07	4.63E-03	1.12E-02	-1.00E+00	386930.2	3753422	11
1344	GRID	3.91E-07	5.44E-03	1.26E-02	-1.00E+00	386930.2	3753472	11
1345	GRID	5.17E-07	6.52E-03	1.45E-02	-1.00E+00	386930.2	3753522	11
1346	GRID	6.74E-07	5.23E-03	1.55E-02	-1.00E+00	386930.2	3754022	11
1347	GRID	4.99E-07	4.37E-03	1.40E-02	-1.00E+00	386930.2	3754072	11

Receptor	Type	Cancer	Chronic	Acute Simp	Acute Max	UTME	UTMN	ZONE
1348	GRID	3.98E-07	3.68E-03	1.27E-02	-1.00E+00	386930.2	3754122	11
1349	GRID	3.33E-07	3.19E-03	1.16E-02	-1.00E+00	386930.2	3754172	11
1350	GRID	2.88E-07	2.83E-03	1.05E-02	-1.00E+00	386930.2	3754222	11
1351	GRID	2.57E-07	2.57E-03	9.50E-03	-1.00E+00	386930.2	3754272	11
1352	GRID	2.33E-07	2.32E-03	8.70E-03	-1.00E+00	386930.2	3754322	11
1353	GRID	2.14E-07	2.04E-03	8.13E-03	-1.00E+00	386930.2	3754372	11
1354	GRID	2.00E-07	1.87E-03	7.51E-03	-1.00E+00	386930.2	3754422	11
1355	GRID	1.87E-07	1.66E-03	7.08E-03	-1.00E+00	386930.2	3754472	11
1356	GRID	1.77E-07	1.49E-03	6.72E-03	-1.00E+00	386930.2	3754522	11
1357	GRID	1.69E-07	1.36E-03	6.32E-03	-1.00E+00	386930.2	3754572	11
1358	GRID	1.62E-07	1.24E-03	5.96E-03	-1.00E+00	386930.2	3754622	11
1359	GRID	1.56E-07	1.16E-03	5.60E-03	-1.00E+00	386930.2	3754672	11
1360	GRID	1.51E-07	1.07E-03	5.34E-03	-1.00E+00	386930.2	3754722	11
1361	GRID	1.46E-07	9.93E-04	5.08E-03	-1.00E+00	386930.2	3754772	11
1362	GRID	1.20E-07	1.28E-03	3.95E-03	-1.00E+00	386980.2	3752772	11
1363	GRID	1.23E-07	1.38E-03	4.18E-03	-1.00E+00	386980.2	3752822	11
1364	GRID	1.27E-07	1.48E-03	4.45E-03	-1.00E+00	386980.2	3752872	11
1365	GRID	1.32E-07	1.60E-03	4.74E-03	-1.00E+00	386980.2	3752922	11
1366	GRID	1.38E-07	1.73E-03	5.07E-03	-1.00E+00	386980.2	3752972	11
1367	GRID	1.44E-07	1.88E-03	5.41E-03	-1.00E+00	386980.2	3753022	11
1368	GRID	1.51E-07	2.06E-03	5.83E-03	-1.00E+00	386980.2	3753072	11
1369	GRID	1.60E-07	2.26E-03	6.26E-03	-1.00E+00	386980.2	3753122	11
1370	GRID	1.71E-07	2.49E-03	6.78E-03	-1.00E+00	386980.2	3753172	11
1371	GRID	1.84E-07	2.76E-03	7.35E-03	-1.00E+00	386980.2	3753222	11
1372	GRID	2.00E-07	3.08E-03	8.01E-03	-1.00E+00	386980.2	3753272	11
1373	GRID	2.21E-07	3.45E-03	8.75E-03	-1.00E+00	386980.2	3753322	11
1374	GRID	2.52E-07	3.93E-03	9.68E-03	-1.00E+00	386980.2	3753372	11
1375	GRID	2.95E-07	4.50E-03	1.08E-02	-1.00E+00	386980.2	3753422	11
1376	GRID	3.60E-07	5.13E-03	1.20E-02	-1.00E+00	386980.2	3753472	11
1377	GRID	4.83E-07	5.91E-03	1.35E-02	-1.00E+00	386980.2	3753522	11
1378	GRID	7.28E-07	6.62E-03	1.49E-02	-1.00E+00	386980.2	3753572	11
1379	GRID	1.25E-06	7.43E-03	1.64E-02	-1.00E+00	386980.2	3753622	11
1380	GRID	2.26E-06	8.71E-03	1.79E-02	-1.00E+00	386980.2	3753672	11
1381	GRID	3.92E-06	1.14E-02	1.91E-02	-1.00E+00	386980.2	3753722	11
1382	GRID	6.30E-06	1.60E-02	1.98E-02	-1.00E+00	386980.2	3753772	11
1383	GRID	6.77E-06	1.78E-02	1.96E-02	-1.00E+00	386980.2	3753822	11
1384	GRID	3.95E-06	1.29E-02	1.86E-02	-1.00E+00	386980.2	3753872	11
1385	GRID	1.84E-06	8.17E-03	1.72E-02	-1.00E+00	386980.2	3753922	11
1386	GRID	1.04E-06	5.95E-03	1.57E-02	-1.00E+00	386980.2	3753972	11
1387	GRID	6.78E-07	4.86E-03	1.42E-02	-1.00E+00	386980.2	3754022	11
1388	GRID	4.77E-07	4.13E-03	1.29E-02	-1.00E+00	386980.2	3754072	11
1389	GRID	3.69E-07	3.59E-03	1.17E-02	-1.00E+00	386980.2	3754122	11
1390	GRID	3.05E-07	3.08E-03	1.08E-02	-1.00E+00	386980.2	3754172	11
1391	GRID	2.65E-07	2.77E-03	9.87E-03	-1.00E+00	386980.2	3754222	11
1392	GRID	2.36E-07	2.41E-03	9.18E-03	-1.00E+00	386980.2	3754272	11
1393	GRID	2.15E-07	2.19E-03	8.43E-03	-1.00E+00	386980.2	3754322	11
1394	GRID	1.99E-07	2.00E-03	7.76E-03	-1.00E+00	386980.2	3754372	11
1395	GRID	1.85E-07	1.77E-03	7.34E-03	-1.00E+00	386980.2	3754422	11
1396	GRID	1.74E-07	1.58E-03	6.93E-03	-1.00E+00	386980.2	3754472	11
1397	GRID	1.66E-07	1.46E-03	6.47E-03	-1.00E+00	386980.2	3754522	11
1398	GRID	1.58E-07	1.32E-03	6.16E-03	-1.00E+00	386980.2	3754572	11
1399	GRID	1.52E-07	1.23E-03	5.80E-03	-1.00E+00	386980.2	3754622	11
1400	GRID	1.46E-07	1.12E-03	5.53E-03	-1.00E+00	386980.2	3754672	11
1401	GRID	1.42E-07	1.05E-03	5.22E-03	-1.00E+00	386980.2	3754722	11
1402	GRID	1.38E-07	9.85E-04	4.93E-03	-1.00E+00	386980.2	3754772	11
1403	GRID	1.25E-07	1.29E-03	3.91E-03	-1.00E+00	387030.2	3752772	11
1404	GRID	1.29E-07	1.38E-03	4.12E-03	-1.00E+00	387030.2	3752822	11
1405	GRID	1.33E-07	1.48E-03	4.38E-03	-1.00E+00	387030.2	3752872	11
1406	GRID	1.38E-07	1.60E-03	4.66E-03	-1.00E+00	387030.2	3752922	11
1407	GRID	1.44E-07	1.73E-03	4.95E-03	-1.00E+00	387030.2	3752972	11
1408	GRID	1.50E-07	1.87E-03	5.31E-03	-1.00E+00	387030.2	3753022	11
1409	GRID	1.57E-07	2.04E-03	5.67E-03	-1.00E+00	387030.2	3753072	11
1410	GRID	1.65E-07	2.24E-03	6.12E-03	-1.00E+00	387030.2	3753122	11
1411	GRID	1.74E-07	2.46E-03	6.58E-03	-1.00E+00	387030.2	3753172	11
1412	GRID	1.86E-07	2.72E-03	7.14E-03	-1.00E+00	387030.2	3753222	11
1413	GRID	2.01E-07	3.03E-03	7.75E-03	-1.00E+00	387030.2	3753272	11
1414	GRID	2.19E-07	3.36E-03	8.46E-03	-1.00E+00	387030.2	3753322	11
1415	GRID	2.43E-07	3.74E-03	9.21E-03	-1.00E+00	387030.2	3753372	11
1416	GRID	2.79E-07	4.15E-03	1.01E-02	-1.00E+00	387030.2	3753422	11
1417	GRID	3.44E-07	4.66E-03	1.12E-02	-1.00E+00	387030.2	3753472	11
1418	GRID	4.68E-07	5.16E-03	1.23E-02	-1.00E+00	387030.2	3753522	11
1419	GRID	7.13E-07	5.76E-03	1.35E-02	-1.00E+00	387030.2	3753572	11
1420	GRID	1.19E-06	6.47E-03	1.47E-02	-1.00E+00	387030.2	3753622	11
1421	GRID	1.97E-06	7.66E-03	1.56E-02	-1.00E+00	387030.2	3753672	11
1422	GRID	3.14E-06	9.83E-03	1.64E-02	-1.00E+00	387030.2	3753722	11
1423	GRID	4.72E-06	1.29E-02	1.67E-02	-1.00E+00	387030.2	3753772	11
1424	GRID	5.34E-06	1.45E-02	1.66E-02	-1.00E+00	387030.2	3753822	11
1425	GRID	3.77E-06	1.19E-02	1.61E-02	-1.00E+00	387030.2	3753872	11
1426	GRID	1.95E-06	8.10E-03	1.52E-02	-1.00E+00	387030.2	3753922	11
1427	GRID	1.07E-06	5.76E-03	1.41E-02	-1.00E+00	387030.2	3753972	11
1428	GRID	6.87E-07	4.57E-03	1.30E-02	-1.00E+00	387030.2	3754022	11
1429	GRID	4.81E-07	3.88E-03	1.19E-02	-1.00E+00	387030.2	3754072	11
1430	GRID	3.61E-07	3.41E-03	1.09E-02	-1.00E+00	387030.2	3754122	11
1431	GRID	2.90E-07	3.00E-03	1.00E-02	-1.00E+00	387030.2	3754172	11
1432	GRID	2.48E-07	2.65E-03	9.26E-03	-1.00E+00	387030.2	3754222	11
1433	GRID	2.20E-07	2.35E-03	8.61E-03	-1.00E+00	387030.2	3754272	11
1434	GRID	2.02E-07	2.15E-03	7.95E-03	-1.00E+00	387030.2	3754322	11
1435	GRID	1.86E-07	1.89E-03	7.52E-03	-1.00E+00	387030.2	3754372	11
1436	GRID	1.74E-07	1.70E-03	7.08E-03	-1.00E+00	387030.2	3754422	11
1437	GRID	1.64E-07	1.55E-03	6.64E-03	-1.00E+00	387030.2	3754472	11
1438	GRID	1.56E-07	1.40E-03	6.32E-03	-1.00E+00	387030.2	3754522	11
1439	GRID	1.49E-07	1.30E-03	5.93E-03	-1.00E+00	387030.2	3754572	11
1440	GRID	1.43E-07	1.18E-03	5.69E-03	-1.00E+00	387030.2	3754622	11
1441	GRID	1.38E-07	1.11E-03	5.35E-03	-1.00E+00	387030.2	3754672	11
1442	GRID	1.34E-07	1.02E-03	5.12E-03	-1.00E+00	387030.2	3754722	11
1443	GRID	1.30E-07	9.51E-04	4.87E-03	-1.00E+00	387030.2	3754772	11
1444	GRID	1.31E-07	1.28E-03	3.83E-03	-1.00E+00	387080.2	3752772	11

Receptor	Type	Cancer	Chronic	Acute Simp	Acute Max	UTME	UTMN	ZONE
1445	GRID	1.34E-07	1.37E-03	4.06E-03	-1.00E+00	387080.2	3752822	11
1446	GRID	1.39E-07	1.47E-03	4.30E-03	-1.00E+00	387080.2	3752872	11
1447	GRID	1.43E-07	1.58E-03	4.55E-03	-1.00E+00	387080.2	3752922	11
1448	GRID	1.48E-07	1.71E-03	4.85E-03	-1.00E+00	387080.2	3752972	11
1449	GRID	1.54E-07	1.85E-03	5.18E-03	-1.00E+00	387080.2	3753022	11
1450	GRID	1.60E-07	2.01E-03	5.54E-03	-1.00E+00	387080.2	3753072	11
1451	GRID	1.68E-07	2.19E-03	5.92E-03	-1.00E+00	387080.2	3753122	11
1452	GRID	1.78E-07	2.42E-03	6.40E-03	-1.00E+00	387080.2	3753172	11
1453	GRID	1.88E-07	2.65E-03	6.90E-03	-1.00E+00	387080.2	3753222	11
1454	GRID	2.00E-07	2.91E-03	7.44E-03	-1.00E+00	387080.2	3753272	11
1455	GRID	2.15E-07	3.19E-03	8.05E-03	-1.00E+00	387080.2	3753322	11
1456	GRID	2.37E-07	3.49E-03	8.72E-03	-1.00E+00	387080.2	3753372	11
1457	GRID	2.74E-07	3.84E-03	9.52E-03	-1.00E+00	387080.2	3753422	11
1458	GRID	3.42E-07	4.22E-03	1.04E-02	-1.00E+00	387080.2	3753472	11
1459	GRID	4.58E-07	4.58E-03	1.13E-02	-1.00E+00	387080.2	3753522	11
1460	GRID	6.87E-07	5.01E-03	1.21E-02	-1.00E+00	387080.2	3753572	11
1461	GRID	1.08E-06	5.65E-03	1.29E-02	-1.00E+00	387080.2	3753622	11
1462	GRID	1.67E-06	6.70E-03	1.36E-02	-1.00E+00	387080.2	3753672	11
1463	GRID	2.51E-06	8.53E-03	1.43E-02	-1.00E+00	387080.2	3753722	11
1464	GRID	3.56E-06	1.07E-02	1.46E-02	-1.00E+00	387080.2	3753772	11
1465	GRID	4.10E-06	1.20E-02	1.45E-02	-1.00E+00	387080.2	3753822	11
1466	GRID	3.32E-06	1.06E-02	1.41E-02	-1.00E+00	387080.2	3753872	11
1467	GRID	1.97E-06	7.87E-03	1.35E-02	-1.00E+00	387080.2	3753922	11
1468	GRID	1.10E-06	5.66E-03	1.27E-02	-1.00E+00	387080.2	3753972	11
1469	GRID	6.96E-07	4.39E-03	1.18E-02	-1.00E+00	387080.2	3754022	11
1470	GRID	4.87E-07	3.66E-03	1.10E-02	-1.00E+00	387080.2	3754072	11
1471	GRID	3.64E-07	3.19E-03	1.01E-02	-1.00E+00	387080.2	3754122	11
1472	GRID	2.87E-07	2.85E-03	9.33E-03	-1.00E+00	387080.2	3754172	11
1473	GRID	2.38E-07	2.53E-03	8.67E-03	-1.00E+00	387080.2	3754222	11
1474	GRID	2.10E-07	2.30E-03	8.02E-03	-1.00E+00	387080.2	3754272	11
1475	GRID	1.89E-07	2.02E-03	7.61E-03	-1.00E+00	387080.2	3754322	11
1476	GRID	1.75E-07	1.81E-03	7.20E-03	-1.00E+00	387080.2	3754372	11
1477	GRID	1.65E-07	1.65E-03	6.76E-03	-1.00E+00	387080.2	3754422	11
1478	GRID	1.55E-07	1.47E-03	6.48E-03	-1.00E+00	387080.2	3754472	11
1479	GRID	1.49E-07	1.38E-03	6.04E-03	-1.00E+00	387080.2	3754522	11
1480	GRID	1.41E-07	1.24E-03	5.80E-03	-1.00E+00	387080.2	3754572	11
1481	GRID	1.36E-07	1.16E-03	5.45E-03	-1.00E+00	387080.2	3754622	11
1482	GRID	1.31E-07	1.06E-03	5.26E-03	-1.00E+00	387080.2	3754672	11
1483	GRID	1.27E-07	9.98E-04	4.96E-03	-1.00E+00	387080.2	3754722	11
1484	GRID	1.23E-07	9.30E-04	4.74E-03	-1.00E+00	387080.2	3754772	11
1485	GRID	1.34E-07	1.26E-03	3.75E-03	-1.00E+00	387130.2	3752772	11
1486	GRID	1.38E-07	1.35E-03	3.96E-03	-1.00E+00	387130.2	3752822	11
1487	GRID	1.42E-07	1.45E-03	4.20E-03	-1.00E+00	387130.2	3752872	11
1488	GRID	1.46E-07	1.55E-03	4.45E-03	-1.00E+00	387130.2	3752922	11
1489	GRID	1.52E-07	1.69E-03	4.73E-03	-1.00E+00	387130.2	3752972	11
1490	GRID	1.57E-07	1.82E-03	5.03E-03	-1.00E+00	387130.2	3753022	11
1491	GRID	1.63E-07	1.97E-03	5.36E-03	-1.00E+00	387130.2	3753072	11
1492	GRID	1.69E-07	2.13E-03	5.74E-03	-1.00E+00	387130.2	3753122	11
1493	GRID	1.78E-07	2.34E-03	6.18E-03	-1.00E+00	387130.2	3753172	11
1494	GRID	1.87E-07	2.54E-03	6.62E-03	-1.00E+00	387130.2	3753222	11
1495	GRID	1.98E-07	2.75E-03	7.08E-03	-1.00E+00	387130.2	3753272	11
1496	GRID	2.12E-07	2.97E-03	7.62E-03	-1.00E+00	387130.2	3753322	11
1497	GRID	2.34E-07	3.20E-03	8.20E-03	-1.00E+00	387130.2	3753372	11
1498	GRID	2.73E-07	3.48E-03	8.88E-03	-1.00E+00	387130.2	3753422	11
1499	GRID	3.33E-07	3.74E-03	9.54E-03	-1.00E+00	387130.2	3753472	11
1500	GRID	4.47E-07	4.08E-03	1.03E-02	-1.00E+00	387130.2	3753522	11
1501	GRID	6.51E-07	4.49E-03	1.10E-02	-1.00E+00	387130.2	3753572	11
1502	GRID	9.69E-07	5.08E-03	1.16E-02	-1.00E+00	387130.2	3753622	11
1503	GRID	1.41E-06	6.00E-03	1.21E-02	-1.00E+00	387130.2	3753672	11
1504	GRID	2.00E-06	7.34E-03	1.25E-02	-1.00E+00	387130.2	3753722	11
1505	GRID	2.72E-06	9.02E-03	1.28E-02	-1.00E+00	387130.2	3753772	11
1506	GRID	3.16E-06	1.01E-02	1.27E-02	-1.00E+00	387130.2	3753822	11
1507	GRID	2.80E-06	9.41E-03	1.25E-02	-1.00E+00	387130.2	3753872	11
1508	GRID	1.89E-06	7.47E-03	1.20E-02	-1.00E+00	387130.2	3753922	11
1509	GRID	1.13E-06	5.54E-03	1.14E-02	-1.00E+00	387130.2	3753972	11
1510	GRID	7.08E-07	4.26E-03	1.08E-02	-1.00E+00	387130.2	3754022	11
1511	GRID	4.94E-07	3.50E-03	1.01E-02	-1.00E+00	387130.2	3754072	11
1512	GRID	3.69E-07	3.02E-03	9.36E-03	-1.00E+00	387130.2	3754122	11
1513	GRID	2.90E-07	2.68E-03	8.72E-03	-1.00E+00	387130.2	3754172	11
1514	GRID	2.38E-07	2.42E-03	8.10E-03	-1.00E+00	387130.2	3754222	11
1515	GRID	2.04E-07	2.17E-03	7.55E-03	-1.00E+00	387130.2	3754272	11
1516	GRID	1.81E-07	1.94E-03	7.19E-03	-1.00E+00	387130.2	3754322	11
1517	GRID	1.67E-07	1.76E-03	6.79E-03	-1.00E+00	387130.2	3754372	11
1518	GRID	1.56E-07	1.57E-03	6.52E-03	-1.00E+00	387130.2	3754422	11
1519	GRID	1.48E-07	1.45E-03	6.11E-03	-1.00E+00	387130.2	3754472	11
1520	GRID	1.41E-07	1.31E-03	5.87E-03	-1.00E+00	387130.2	3754522	11
1521	GRID	1.36E-07	1.22E-03	5.54E-03	-1.00E+00	387130.2	3754572	11
1522	GRID	1.30E-07	1.11E-03	5.33E-03	-1.00E+00	387130.2	3754622	11
1523	GRID	1.26E-07	1.05E-03	5.03E-03	-1.00E+00	387130.2	3754672	11
1524	GRID	1.21E-07	9.58E-04	4.86E-03	-1.00E+00	387130.2	3754722	11
1525	GRID	1.18E-07	9.07E-04	4.61E-03	-1.00E+00	387130.2	3754772	11
1526	GRID	1.38E-07	1.25E-03	3.69E-03	-1.00E+00	387180.2	3752772	11
1527	GRID	1.42E-07	1.33E-03	3.89E-03	-1.00E+00	387180.2	3752822	11
1528	GRID	1.45E-07	1.43E-03	4.10E-03	-1.00E+00	387180.2	3752872	11
1529	GRID	1.49E-07	1.53E-03	4.33E-03	-1.00E+00	387180.2	3752922	11
1530	GRID	1.55E-07	1.65E-03	4.60E-03	-1.00E+00	387180.2	3752972	11
1531	GRID	1.60E-07	1.78E-03	4.89E-03	-1.00E+00	387180.2	3753022	11
1532	GRID	1.65E-07	1.91E-03	5.19E-03	-1.00E+00	387180.2	3753072	11
1533	GRID	1.70E-07	2.06E-03	5.51E-03	-1.00E+00	387180.2	3753122	11
1534	GRID	1.77E-07	2.22E-03	5.91E-03	-1.00E+00	387180.2	3753172	11
1535	GRID	1.86E-07	2.40E-03	6.32E-03	-1.00E+00	387180.2	3753222	11
1536	GRID	1.96E-07	2.57E-03	6.76E-03	-1.00E+00	387180.2	3753272	11
1537	GRID	2.11E-07	2.75E-03	7.22E-03	-1.00E+00	387180.2	3753322	11
1538	GRID	2.34E-07	2.93E-03	7.69E-03	-1.00E+00	387180.2	3753372	11
1539	GRID	2.71E-07	3.16E-03	8.29E-03	-1.00E+00	387180.2	3753422	11
1540	GRID	3.27E-07	3.38E-03	8.83E-03	-1.00E+00	387180.2	3753472	11
1541	GRID	4.30E-07	3.65E-03	9.35E-03	-1.00E+00	387180.2	3753522	11

Receptor	Type	Cancer	Chronic	Acute Simp	Acute Max	UTME	UTMN	ZONE
1542	GRID	6.04E-07	4.04E-03	9.90E-03	-1.00E+00	387180.2	3753572	11
1543	GRID	8.59E-07	4.61E-03	1.04E-02	-1.00E+00	387180.2	3753622	11
1544	GRID	1.19E-06	5.39E-03	1.08E-02	-1.00E+00	387180.2	3753672	11
1545	GRID	1.61E-06	6.46E-03	1.11E-02	-1.00E+00	387180.2	3753722	11
1546	GRID	2.11E-06	7.67E-03	1.12E-02	-1.00E+00	387180.2	3753772	11
1547	GRID	2.45E-06	8.47E-03	1.12E-02	-1.00E+00	387180.2	3753822	11
1548	GRID	2.33E-06	8.28E-03	1.11E-02	-1.00E+00	387180.2	3753872	11
1549	GRID	1.75E-06	6.96E-03	1.07E-02	-1.00E+00	387180.2	3753922	11
1550	GRID	1.13E-06	5.38E-03	1.03E-02	-1.00E+00	387180.2	3753972	11
1551	GRID	7.26E-07	4.16E-03	9.79E-03	-1.00E+00	387180.2	3754022	11
1552	GRID	5.02E-07	3.38E-03	9.24E-03	-1.00E+00	387180.2	3754072	11
1553	GRID	3.75E-07	2.88E-03	8.69E-03	-1.00E+00	387180.2	3754122	11
1554	GRID	2.95E-07	2.54E-03	8.11E-03	-1.00E+00	387180.2	3754172	11
1555	GRID	2.42E-07	2.29E-03	7.63E-03	-1.00E+00	387180.2	3754222	11
1556	GRID	2.05E-07	2.08E-03	7.10E-03	-1.00E+00	387180.2	3754272	11
1557	GRID	1.79E-07	1.89E-03	6.73E-03	-1.00E+00	387180.2	3754322	11
1558	GRID	1.61E-07	1.67E-03	6.49E-03	-1.00E+00	387180.2	3754372	11
1559	GRID	1.49E-07	1.51E-03	6.21E-03	-1.00E+00	387180.2	3754422	11
1560	GRID	1.41E-07	1.39E-03	5.88E-03	-1.00E+00	387180.2	3754472	11
1561	GRID	1.34E-07	1.25E-03	5.69E-03	-1.00E+00	387180.2	3754522	11
1562	GRID	1.30E-07	1.17E-03	5.36E-03	-1.00E+00	387180.2	3754572	11
1563	GRID	1.25E-07	1.09E-03	5.11E-03	-1.00E+00	387180.2	3754622	11
1564	GRID	1.21E-07	1.01E-03	4.91E-03	-1.00E+00	387180.2	3754672	11
1565	GRID	1.17E-07	9.50E-04	4.65E-03	-1.00E+00	387180.2	3754722	11
1566	GRID	1.13E-07	8.72E-04	4.52E-03	-1.00E+00	387180.2	3754772	11
1567	GRID	1.41E-07	1.23E-03	3.62E-03	-1.00E+00	387230.2	3752772	11
1568	GRID	1.45E-07	1.31E-03	3.79E-03	-1.00E+00	387230.2	3752822	11
1569	GRID	1.48E-07	1.40E-03	3.99E-03	-1.00E+00	387230.2	3752872	11
1570	GRID	1.52E-07	1.49E-03	4.22E-03	-1.00E+00	387230.2	3752922	11
1571	GRID	1.56E-07	1.60E-03	4.47E-03	-1.00E+00	387230.2	3752972	11
1572	GRID	1.61E-07	1.72E-03	4.72E-03	-1.00E+00	387230.2	3753022	11
1573	GRID	1.65E-07	1.84E-03	5.01E-03	-1.00E+00	387230.2	3753072	11
1574	GRID	1.70E-07	1.96E-03	5.30E-03	-1.00E+00	387230.2	3753122	11
1575	GRID	1.75E-07	2.09E-03	5.63E-03	-1.00E+00	387230.2	3753172	11
1576	GRID	1.85E-07	2.25E-03	6.02E-03	-1.00E+00	387230.2	3753222	11
1577	GRID	1.96E-07	2.39E-03	6.40E-03	-1.00E+00	387230.2	3753272	11
1578	GRID	2.11E-07	2.53E-03	6.79E-03	-1.00E+00	387230.2	3753322	11
1579	GRID	2.33E-07	2.69E-03	7.22E-03	-1.00E+00	387230.2	3753372	11
1580	GRID	2.67E-07	2.88E-03	7.70E-03	-1.00E+00	387230.2	3753422	11
1581	GRID	3.21E-07	3.08E-03	8.15E-03	-1.00E+00	387230.2	3753472	11
1582	GRID	4.14E-07	3.33E-03	8.58E-03	-1.00E+00	387230.2	3753522	11
1583	GRID	5.57E-07	3.67E-03	8.98E-03	-1.00E+00	387230.2	3753572	11
1584	GRID	7.60E-07	4.20E-03	9.43E-03	-1.00E+00	387230.2	3753622	11
1585	GRID	1.02E-06	4.86E-03	9.72E-03	-1.00E+00	387230.2	3753672	11
1586	GRID	1.33E-06	5.72E-03	9.92E-03	-1.00E+00	387230.2	3753722	11
1587	GRID	1.69E-06	6.66E-03	1.00E-02	-1.00E+00	387230.2	3753772	11
1588	GRID	1.96E-06	7.31E-03	9.98E-03	-1.00E+00	387230.2	3753822	11
1589	GRID	1.93E-06	7.24E-03	9.86E-03	-1.00E+00	387230.2	3753872	11
1590	GRID	1.58E-06	6.42E-03	9.70E-03	-1.00E+00	387230.2	3753922	11
1591	GRID	1.12E-06	5.17E-03	9.33E-03	-1.00E+00	387230.2	3753972	11
1592	GRID	7.47E-07	4.06E-03	8.94E-03	-1.00E+00	387230.2	3754022	11
1593	GRID	5.17E-07	3.28E-03	8.50E-03	-1.00E+00	387230.2	3754072	11
1594	GRID	3.84E-07	2.77E-03	8.06E-03	-1.00E+00	387230.2	3754122	11
1595	GRID	3.02E-07	2.43E-03	7.59E-03	-1.00E+00	387230.2	3754172	11
1596	GRID	2.47E-07	2.17E-03	7.11E-03	-1.00E+00	387230.2	3754222	11
1597	GRID	2.09E-07	1.98E-03	6.74E-03	-1.00E+00	387230.2	3754272	11
1598	GRID	1.80E-07	1.79E-03	6.36E-03	-1.00E+00	387230.2	3754322	11
1599	GRID	1.61E-07	1.65E-03	6.04E-03	-1.00E+00	387230.2	3754372	11
1600	GRID	1.46E-07	1.48E-03	5.84E-03	-1.00E+00	387230.2	3754422	11
1601	GRID	1.36E-07	1.32E-03	5.66E-03	-1.00E+00	387230.2	3754472	11
1602	GRID	1.30E-07	1.24E-03	5.35E-03	-1.00E+00	387230.2	3754522	11
1603	GRID	1.24E-07	1.12E-03	5.20E-03	-1.00E+00	387230.2	3754572	11
1604	GRID	1.20E-07	1.06E-03	4.91E-03	-1.00E+00	387230.2	3754622	11
1605	GRID	1.16E-07	9.67E-04	4.79E-03	-1.00E+00	387230.2	3754672	11
1606	GRID	1.13E-07	9.15E-04	4.54E-03	-1.00E+00	387230.2	3754722	11
1607	GRID	1.10E-07	8.68E-04	4.33E-03	-1.00E+00	387230.2	3754772	11
1608	GRID	1.44E-07	1.21E-03	3.52E-03	-1.00E+00	387280.2	3752772	11
1609	GRID	1.47E-07	1.29E-03	3.70E-03	-1.00E+00	387280.2	3752822	11
1610	GRID	1.50E-07	1.37E-03	3.90E-03	-1.00E+00	387280.2	3752872	11
1611	GRID	1.53E-07	1.45E-03	4.10E-03	-1.00E+00	387280.2	3752922	11
1612	GRID	1.56E-07	1.54E-03	4.32E-03	-1.00E+00	387280.2	3752972	11
1613	GRID	1.61E-07	1.65E-03	4.57E-03	-1.00E+00	387280.2	3753022	11
1614	GRID	1.65E-07	1.75E-03	4.82E-03	-1.00E+00	387280.2	3753072	11
1615	GRID	1.69E-07	1.86E-03	5.09E-03	-1.00E+00	387280.2	3753122	11
1616	GRID	1.75E-07	1.97E-03	5.38E-03	-1.00E+00	387280.2	3753172	11
1617	GRID	1.86E-07	2.10E-03	5.74E-03	-1.00E+00	387280.2	3753222	11
1618	GRID	1.97E-07	2.22E-03	6.05E-03	-1.00E+00	387280.2	3753272	11
1619	GRID	2.11E-07	2.34E-03	6.40E-03	-1.00E+00	387280.2	3753322	11
1620	GRID	2.32E-07	2.48E-03	6.78E-03	-1.00E+00	387280.2	3753372	11
1621	GRID	2.64E-07	2.64E-03	7.17E-03	-1.00E+00	387280.2	3753422	11
1622	GRID	3.16E-07	2.82E-03	7.54E-03	-1.00E+00	387280.2	3753472	11
1623	GRID	3.98E-07	3.06E-03	7.88E-03	-1.00E+00	387280.2	3753522	11
1624	GRID	5.16E-07	3.38E-03	8.21E-03	-1.00E+00	387280.2	3753572	11
1625	GRID	6.77E-07	3.82E-03	8.55E-03	-1.00E+00	387280.2	3753622	11
1626	GRID	8.81E-07	4.40E-03	8.79E-03	-1.00E+00	387280.2	3753672	11
1627	GRID	1.13E-06	5.10E-03	8.95E-03	-1.00E+00	387280.2	3753722	11
1628	GRID	1.40E-06	5.85E-03	9.02E-03	-1.00E+00	387280.2	3753772	11
1629	GRID	1.61E-06	6.39E-03	8.99E-03	-1.00E+00	387280.2	3753822	11
1630	GRID	1.63E-06	6.41E-03	8.88E-03	-1.00E+00	387280.2	3753872	11
1631	GRID	1.43E-06	5.88E-03	8.76E-03	-1.00E+00	387280.2	3753922	11
1632	GRID	1.08E-06	4.92E-03	8.49E-03	-1.00E+00	387280.2	3753972	11
1633	GRID	7.66E-07	3.95E-03	8.18E-03	-1.00E+00	387280.2	3754022	11
1634	GRID	5.38E-07	3.20E-03	7.83E-03	-1.00E+00	387280.2	3754072	11
1635	GRID	3.97E-07	2.68E-03	7.46E-03	-1.00E+00	387280.2	3754122	11
1636	GRID	3.10E-07	2.33E-03	7.09E-03	-1.00E+00	387280.2	3754172	11
1637	GRID	2.53E-07	2.08E-03	6.71E-03	-1.00E+00	387280.2	3754222	11
1638	GRID	2.14E-07	1.89E-03	6.30E-03	-1.00E+00	387280.2	3754272	11

Receptor	Type	Cancer	Chronic	Acute Simp	Acute Max	UTME	UTMN	ZONE
1639	GRID	1.84E-07	1.71E-03	6.08E-03	-1.00E+00	387280.2	3754322	11
1640	GRID	1.63E-07	1.58E-03	5.72E-03	-1.00E+00	387280.2	3754372	11
1641	GRID	1.45E-07	1.41E-03	5.61E-03	-1.00E+00	387280.2	3754422	11
1642	GRID	1.34E-07	1.28E-03	5.36E-03	-1.00E+00	387280.2	3754472	11
1643	GRID	1.26E-07	1.19E-03	5.16E-03	-1.00E+00	387280.2	3754522	11
1644	GRID	1.19E-07	1.08E-03	5.03E-03	-1.00E+00	387280.2	3754572	11
1645	GRID	1.15E-07	1.02E-03	4.78E-03	-1.00E+00	387280.2	3754622	11
1646	GRID	1.12E-07	9.62E-04	4.53E-03	-1.00E+00	387280.2	3754672	11
1647	GRID	1.09E-07	8.99E-04	4.36E-03	-1.00E+00	387280.2	3754722	11
1648	GRID	1.06E-07	8.37E-04	4.22E-03	-1.00E+00	387280.2	3754772	11
1649	GRID	1.46E-07	1.19E-03	3.45E-03	-1.00E+00	387330.2	3752772	11
1650	GRID	1.49E-07	1.26E-03	3.61E-03	-1.00E+00	387330.2	3752822	11
1651	GRID	1.51E-07	1.33E-03	3.78E-03	-1.00E+00	387330.2	3752872	11
1652	GRID	1.54E-07	1.40E-03	3.97E-03	-1.00E+00	387330.2	3752922	11
1653	GRID	1.56E-07	1.48E-03	4.16E-03	-1.00E+00	387330.2	3752972	11
1654	GRID	1.61E-07	1.58E-03	4.41E-03	-1.00E+00	387330.2	3753022	11
1655	GRID	1.64E-07	1.67E-03	4.64E-03	-1.00E+00	387330.2	3753072	11
1656	GRID	1.69E-07	1.75E-03	4.88E-03	-1.00E+00	387330.2	3753122	11
1657	GRID	1.76E-07	1.85E-03	5.15E-03	-1.00E+00	387330.2	3753172	11
1658	GRID	1.86E-07	1.96E-03	5.43E-03	-1.00E+00	387330.2	3753222	11
1659	GRID	1.97E-07	2.06E-03	5.73E-03	-1.00E+00	387330.2	3753272	11
1660	GRID	2.10E-07	2.16E-03	6.03E-03	-1.00E+00	387330.2	3753322	11
1661	GRID	2.29E-07	2.28E-03	6.35E-03	-1.00E+00	387330.2	3753372	11
1662	GRID	2.62E-07	2.44E-03	6.68E-03	-1.00E+00	387330.2	3753422	11
1663	GRID	3.11E-07	2.61E-03	6.97E-03	-1.00E+00	387330.2	3753472	11
1664	GRID	3.83E-07	2.83E-03	7.26E-03	-1.00E+00	387330.2	3753522	11
1665	GRID	4.83E-07	3.12E-03	7.53E-03	-1.00E+00	387330.2	3753572	11
1666	GRID	6.13E-07	3.49E-03	7.75E-03	-1.00E+00	387330.2	3753622	11
1667	GRID	7.82E-07	4.00E-03	8.00E-03	-1.00E+00	387330.2	3753672	11
1668	GRID	9.81E-07	4.58E-03	8.12E-03	-1.00E+00	387330.2	3753722	11
1669	GRID	1.20E-06	5.18E-03	8.16E-03	-1.00E+00	387330.2	3753772	11
1670	GRID	1.37E-06	5.63E-03	8.15E-03	-1.00E+00	387330.2	3753822	11
1671	GRID	1.41E-06	5.72E-03	8.07E-03	-1.00E+00	387330.2	3753872	11
1672	GRID	1.29E-06	5.34E-03	7.92E-03	-1.00E+00	387330.2	3753922	11
1673	GRID	1.05E-06	4.64E-03	7.76E-03	-1.00E+00	387330.2	3753972	11
1674	GRID	7.79E-07	3.83E-03	7.52E-03	-1.00E+00	387330.2	3754022	11
1675	GRID	5.63E-07	3.12E-03	7.23E-03	-1.00E+00	387330.2	3754072	11
1676	GRID	4.15E-07	2.61E-03	6.92E-03	-1.00E+00	387330.2	3754122	11
1677	GRID	3.21E-07	2.25E-03	6.61E-03	-1.00E+00	387330.2	3754172	11
1678	GRID	2.61E-07	2.00E-03	6.29E-03	-1.00E+00	387330.2	3754222	11
1679	GRID	2.20E-07	1.81E-03	5.98E-03	-1.00E+00	387330.2	3754272	11
1680	GRID	1.89E-07	1.64E-03	5.70E-03	-1.00E+00	387330.2	3754322	11
1681	GRID	1.66E-07	1.51E-03	5.46E-03	-1.00E+00	387330.2	3754372	11
1682	GRID	1.47E-07	1.35E-03	5.35E-03	-1.00E+00	387330.2	3754422	11
1683	GRID	1.35E-07	1.26E-03	5.08E-03	-1.00E+00	387330.2	3754472	11
1684	GRID	1.24E-07	1.14E-03	4.97E-03	-1.00E+00	387330.2	3754522	11
1685	GRID	1.17E-07	1.07E-03	4.72E-03	-1.00E+00	387330.2	3754572	11
1686	GRID	1.11E-07	9.76E-04	4.62E-03	-1.00E+00	387330.2	3754622	11
1687	GRID	1.08E-07	9.25E-04	4.41E-03	-1.00E+00	387330.2	3754672	11
1688	GRID	1.06E-07	8.78E-04	4.19E-03	-1.00E+00	387330.2	3754722	11
1689	GRID	1.02E-07	8.07E-04	4.11E-03	-1.00E+00	387330.2	3754772	11
1690	GRID	1.47E-07	1.16E-03	3.35E-03	-1.00E+00	387380.2	3752772	11
1691	GRID	1.49E-07	1.22E-03	3.52E-03	-1.00E+00	387380.2	3752822	11
1692	GRID	1.51E-07	1.28E-03	3.67E-03	-1.00E+00	387380.2	3752872	11
1693	GRID	1.53E-07	1.35E-03	3.84E-03	-1.00E+00	387380.2	3752922	11
1694	GRID	1.56E-07	1.42E-03	4.02E-03	-1.00E+00	387380.2	3752972	11
1695	GRID	1.60E-07	1.50E-03	4.25E-03	-1.00E+00	387380.2	3753022	11
1696	GRID	1.65E-07	1.58E-03	4.45E-03	-1.00E+00	387380.2	3753072	11
1697	GRID	1.70E-07	1.65E-03	4.68E-03	-1.00E+00	387380.2	3753122	11
1698	GRID	1.77E-07	1.73E-03	4.89E-03	-1.00E+00	387380.2	3753172	11
1699	GRID	1.87E-07	1.83E-03	5.17E-03	-1.00E+00	387380.2	3753222	11
1700	GRID	1.96E-07	1.91E-03	5.42E-03	-1.00E+00	387380.2	3753272	11
1701	GRID	2.09E-07	2.01E-03	5.68E-03	-1.00E+00	387380.2	3753322	11
1702	GRID	2.29E-07	2.11E-03	5.95E-03	-1.00E+00	387380.2	3753372	11
1703	GRID	2.62E-07	2.26E-03	6.23E-03	-1.00E+00	387380.2	3753422	11
1704	GRID	3.07E-07	2.42E-03	6.48E-03	-1.00E+00	387380.2	3753472	11
1705	GRID	3.71E-07	2.63E-03	6.71E-03	-1.00E+00	387380.2	3753522	11
1706	GRID	4.58E-07	2.89E-03	6.93E-03	-1.00E+00	387380.2	3753572	11
1707	GRID	5.68E-07	3.21E-03	7.12E-03	-1.00E+00	387380.2	3753622	11
1708	GRID	7.12E-07	3.65E-03	7.32E-03	-1.00E+00	387380.2	3753672	11
1709	GRID	8.78E-07	4.13E-03	7.42E-03	-1.00E+00	387380.2	3753722	11
1710	GRID	1.06E-06	4.63E-03	7.44E-03	-1.00E+00	387380.2	3753772	11
1711	GRID	1.20E-06	5.01E-03	7.42E-03	-1.00E+00	387380.2	3753822	11
1712	GRID	1.26E-06	5.12E-03	7.36E-03	-1.00E+00	387380.2	3753872	11
1713	GRID	1.19E-06	4.88E-03	7.24E-03	-1.00E+00	387380.2	3753922	11
1714	GRID	1.02E-06	4.36E-03	7.14E-03	-1.00E+00	387380.2	3753972	11
1715	GRID	7.91E-07	3.68E-03	6.92E-03	-1.00E+00	387380.2	3754022	11
1716	GRID	5.89E-07	3.05E-03	6.69E-03	-1.00E+00	387380.2	3754072	11
1717	GRID	4.38E-07	2.55E-03	6.44E-03	-1.00E+00	387380.2	3754122	11
1718	GRID	3.36E-07	2.19E-03	6.18E-03	-1.00E+00	387380.2	3754172	11
1719	GRID	2.70E-07	1.93E-03	5.91E-03	-1.00E+00	387380.2	3754222	11
1720	GRID	2.26E-07	1.74E-03	5.64E-03	-1.00E+00	387380.2	3754272	11
1721	GRID	1.94E-07	1.57E-03	5.44E-03	-1.00E+00	387380.2	3754322	11
1722	GRID	1.71E-07	1.45E-03	5.14E-03	-1.00E+00	387380.2	3754372	11
1723	GRID	1.51E-07	1.30E-03	5.12E-03	-1.00E+00	387380.2	3754422	11
1724	GRID	1.37E-07	1.21E-03	4.86E-03	-1.00E+00	387380.2	3754472	11
1725	GRID	1.24E-07	1.09E-03	4.78E-03	-1.00E+00	387380.2	3754522	11
1726	GRID	1.16E-07	1.03E-03	4.56E-03	-1.00E+00	387380.2	3754572	11
1727	GRID	1.09E-07	9.50E-04	4.40E-03	-1.00E+00	387380.2	3754622	11
1728	GRID	1.05E-07	8.90E-04	4.27E-03	-1.00E+00	387380.2	3754672	11
1729	GRID	1.02E-07	8.46E-04	4.08E-03	-1.00E+00	387380.2	3754722	11
1730	GRID	9.97E-08	8.04E-04	3.90E-03	-1.00E+00	387380.2	3754772	11
1731	GRID	1.46E-07	1.12E-03	3.27E-03	-1.00E+00	387430.2	3752772	11
1732	GRID	1.49E-07	1.18E-03	3.41E-03	-1.00E+00	387430.2	3752822	11
1733	GRID	1.51E-07	1.23E-03	3.56E-03	-1.00E+00	387430.2	3752872	11
1734	GRID	1.53E-07	1.29E-03	3.72E-03	-1.00E+00	387430.2	3752922	11
1735	GRID	1.55E-07	1.35E-03	3.88E-03	-1.00E+00	387430.2	3752972	11

Receptor	Type	Cancer	Chronic	Acute Simp	Acute Max	UTME	UTMN	ZONE
1736	GRID	1.60E-07	1.42E-03	4.09E-03	-1.00E+00	387430.2	3753022	11
1737	GRID	1.65E-07	1.49E-03	4.27E-03	-1.00E+00	387430.2	3753072	11
1738	GRID	1.70E-07	1.55E-03	4.46E-03	-1.00E+00	387430.2	3753122	11
1739	GRID	1.77E-07	1.62E-03	4.67E-03	-1.00E+00	387430.2	3753172	11
1740	GRID	1.87E-07	1.71E-03	4.92E-03	-1.00E+00	387430.2	3753222	11
1741	GRID	1.96E-07	1.78E-03	5.14E-03	-1.00E+00	387430.2	3753272	11
1742	GRID	2.09E-07	1.87E-03	5.36E-03	-1.00E+00	387430.2	3753322	11
1743	GRID	2.29E-07	1.97E-03	5.57E-03	-1.00E+00	387430.2	3753372	11
1744	GRID	2.62E-07	2.11E-03	5.82E-03	-1.00E+00	387430.2	3753422	11
1745	GRID	3.04E-07	2.26E-03	6.03E-03	-1.00E+00	387430.2	3753472	11
1746	GRID	3.63E-07	2.45E-03	6.23E-03	-1.00E+00	387430.2	3753522	11
1747	GRID	4.39E-07	2.68E-03	6.42E-03	-1.00E+00	387430.2	3753572	11
1748	GRID	5.35E-07	2.97E-03	6.55E-03	-1.00E+00	387430.2	3753622	11
1749	GRID	6.61E-07	3.35E-03	6.71E-03	-1.00E+00	387430.2	3753672	11
1750	GRID	8.05E-07	3.75E-03	6.79E-03	-1.00E+00	387430.2	3753722	11
1751	GRID	9.58E-07	4.17E-03	6.82E-03	-1.00E+00	387430.2	3753772	11
1752	GRID	1.09E-06	4.49E-03	6.81E-03	-1.00E+00	387430.2	3753822	11
1753	GRID	1.15E-06	4.62E-03	6.75E-03	-1.00E+00	387430.2	3753872	11
1754	GRID	1.12E-06	4.47E-03	6.68E-03	-1.00E+00	387430.2	3753922	11
1755	GRID	9.87E-07	4.08E-03	6.57E-03	-1.00E+00	387430.2	3753972	11
1756	GRID	8.00E-07	3.52E-03	6.40E-03	-1.00E+00	387430.2	3754022	11
1757	GRID	6.15E-07	2.96E-03	6.19E-03	-1.00E+00	387430.2	3754072	11
1758	GRID	4.64E-07	2.49E-03	6.00E-03	-1.00E+00	387430.2	3754122	11
1759	GRID	3.55E-07	2.13E-03	5.78E-03	-1.00E+00	387430.2	3754172	11
1760	GRID	2.83E-07	1.87E-03	5.55E-03	-1.00E+00	387430.2	3754222	11
1761	GRID	2.34E-07	1.68E-03	5.34E-03	-1.00E+00	387430.2	3754272	11
1762	GRID	2.00E-07	1.51E-03	5.15E-03	-1.00E+00	387430.2	3754322	11
1763	GRID	1.75E-07	1.40E-03	4.93E-03	-1.00E+00	387430.2	3754372	11
1764	GRID	1.55E-07	1.25E-03	4.84E-03	-1.00E+00	387430.2	3754422	11
1765	GRID	1.40E-07	1.17E-03	4.66E-03	-1.00E+00	387430.2	3754472	11
1766	GRID	1.26E-07	1.05E-03	4.59E-03	-1.00E+00	387430.2	3754522	11
1767	GRID	1.17E-07	9.92E-04	4.37E-03	-1.00E+00	387430.2	3754572	11
1768	GRID	1.09E-07	9.38E-04	4.21E-03	-1.00E+00	387430.2	3754622	11
1769	GRID	1.03E-07	8.57E-04	4.12E-03	-1.00E+00	387430.2	3754672	11
1770	GRID	9.91E-08	8.15E-04	3.96E-03	-1.00E+00	387430.2	3754722	11
1771	GRID	9.66E-08	7.77E-04	3.78E-03	-1.00E+00	387430.2	3754772	11
1772	GRID	1.45E-07	1.08E-03	3.17E-03	-1.00E+00	387480.2	3752772	11
1773	GRID	1.48E-07	1.13E-03	3.32E-03	-1.00E+00	387480.2	3752822	11
1774	GRID	1.50E-07	1.18E-03	3.45E-03	-1.00E+00	387480.2	3752872	11
1775	GRID	1.52E-07	1.23E-03	3.59E-03	-1.00E+00	387480.2	3752922	11
1776	GRID	1.55E-07	1.29E-03	3.76E-03	-1.00E+00	387480.2	3752972	11
1777	GRID	1.60E-07	1.35E-03	3.92E-03	-1.00E+00	387480.2	3753022	11
1778	GRID	1.65E-07	1.41E-03	4.09E-03	-1.00E+00	387480.2	3753072	11
1779	GRID	1.71E-07	1.46E-03	4.27E-03	-1.00E+00	387480.2	3753122	11
1780	GRID	1.77E-07	1.52E-03	4.47E-03	-1.00E+00	387480.2	3753172	11
1781	GRID	1.86E-07	1.60E-03	4.66E-03	-1.00E+00	387480.2	3753222	11
1782	GRID	1.96E-07	1.67E-03	4.86E-03	-1.00E+00	387480.2	3753272	11
1783	GRID	2.10E-07	1.75E-03	5.05E-03	-1.00E+00	387480.2	3753322	11
1784	GRID	2.31E-07	1.84E-03	5.23E-03	-1.00E+00	387480.2	3753372	11
1785	GRID	2.62E-07	1.97E-03	5.44E-03	-1.00E+00	387480.2	3753422	11
1786	GRID	3.03E-07	2.12E-03	5.63E-03	-1.00E+00	387480.2	3753472	11
1787	GRID	3.57E-07	2.29E-03	5.78E-03	-1.00E+00	387480.2	3753522	11
1788	GRID	4.26E-07	2.50E-03	5.94E-03	-1.00E+00	387480.2	3753572	11
1789	GRID	5.12E-07	2.75E-03	6.06E-03	-1.00E+00	387480.2	3753622	11
1790	GRID	6.25E-07	3.08E-03	6.19E-03	-1.00E+00	387480.2	3753672	11
1791	GRID	7.52E-07	3.42E-03	6.25E-03	-1.00E+00	387480.2	3753722	11
1792	GRID	8.87E-07	3.77E-03	6.28E-03	-1.00E+00	387480.2	3753772	11
1793	GRID	1.00E-06	4.05E-03	6.27E-03	-1.00E+00	387480.2	3753822	11
1794	GRID	1.07E-06	4.18E-03	6.22E-03	-1.00E+00	387480.2	3753872	11
1795	GRID	1.06E-06	4.12E-03	6.20E-03	-1.00E+00	387480.2	3753922	11
1796	GRID	9.63E-07	3.81E-03	6.07E-03	-1.00E+00	387480.2	3753972	11
1797	GRID	8.08E-07	3.36E-03	5.93E-03	-1.00E+00	387480.2	3754022	11
1798	GRID	6.40E-07	2.87E-03	5.78E-03	-1.00E+00	387480.2	3754072	11
1799	GRID	4.92E-07	2.43E-03	5.60E-03	-1.00E+00	387480.2	3754122	11
1800	GRID	3.78E-07	2.08E-03	5.42E-03	-1.00E+00	387480.2	3754172	11
1801	GRID	2.98E-07	1.82E-03	5.22E-03	-1.00E+00	387480.2	3754222	11
1802	GRID	2.44E-07	1.63E-03	5.02E-03	-1.00E+00	387480.2	3754272	11
1803	GRID	2.06E-07	1.46E-03	4.90E-03	-1.00E+00	387480.2	3754322	11
1804	GRID	1.80E-07	1.35E-03	4.69E-03	-1.00E+00	387480.2	3754372	11
1805	GRID	1.59E-07	1.21E-03	4.66E-03	-1.00E+00	387480.2	3754422	11
1806	GRID	1.43E-07	1.13E-03	4.43E-03	-1.00E+00	387480.2	3754472	11
1807	GRID	1.29E-07	1.02E-03	4.41E-03	-1.00E+00	387480.2	3754522	11
1808	GRID	1.19E-07	9.58E-04	4.23E-03	-1.00E+00	387480.2	3754572	11
1809	GRID	1.10E-07	9.06E-04	4.02E-03	-1.00E+00	387480.2	3754622	11
1810	GRID	1.02E-07	8.27E-04	4.01E-03	-1.00E+00	387480.2	3754672	11
1811	GRID	9.77E-08	7.87E-04	3.84E-03	-1.00E+00	387480.2	3754722	11
1812	GRID	9.44E-08	7.51E-04	3.68E-03	-1.00E+00	387480.2	3754772	11
1813	GRID	1.44E-07	1.04E-03	3.08E-03	-1.00E+00	387530.2	3752772	11
1814	GRID	1.47E-07	1.09E-03	3.22E-03	-1.00E+00	387530.2	3752822	11
1815	GRID	1.49E-07	1.13E-03	3.33E-03	-1.00E+00	387530.2	3752872	11
1816	GRID	1.52E-07	1.18E-03	3.48E-03	-1.00E+00	387530.2	3752922	11
1817	GRID	1.55E-07	1.22E-03	3.61E-03	-1.00E+00	387530.2	3752972	11
1818	GRID	1.60E-07	1.28E-03	3.77E-03	-1.00E+00	387530.2	3753022	11
1819	GRID	1.65E-07	1.33E-03	3.92E-03	-1.00E+00	387530.2	3753072	11
1820	GRID	1.70E-07	1.38E-03	4.09E-03	-1.00E+00	387530.2	3753122	11
1821	GRID	1.76E-07	1.43E-03	4.25E-03	-1.00E+00	387530.2	3753172	11
1822	GRID	1.85E-07	1.50E-03	4.43E-03	-1.00E+00	387530.2	3753222	11
1823	GRID	1.96E-07	1.57E-03	4.61E-03	-1.00E+00	387530.2	3753272	11
1824	GRID	2.11E-07	1.64E-03	4.76E-03	-1.00E+00	387530.2	3753322	11
1825	GRID	2.32E-07	1.73E-03	4.93E-03	-1.00E+00	387530.2	3753372	11
1826	GRID	2.61E-07	1.84E-03	5.09E-03	-1.00E+00	387530.2	3753422	11
1827	GRID	3.03E-07	1.99E-03	5.26E-03	-1.00E+00	387530.2	3753472	11
1828	GRID	3.53E-07	2.14E-03	5.40E-03	-1.00E+00	387530.2	3753522	11
1829	GRID	4.17E-07	2.33E-03	5.52E-03	-1.00E+00	387530.2	3753572	11
1830	GRID	4.96E-07	2.56E-03	5.62E-03	-1.00E+00	387530.2	3753622	11
1831	GRID	5.99E-07	2.84E-03	5.72E-03	-1.00E+00	387530.2	3753672	11
1832	GRID	7.13E-07	3.14E-03	5.78E-03	-1.00E+00	387530.2	3753722	11

Receptor	Type	Cancer	Chronic	Acute Simp	Acute Max	UTME	UTMN	ZONE
1833	GRID	8.35E-07	3.44E-03	5.80E-03	-1.00E+00	387530.2	3753772	11
1834	GRID	9.42E-07	3.68E-03	5.80E-03	-1.00E+00	387530.2	3753822	11
1835	GRID	1.01E-06	3.81E-03	5.76E-03	-1.00E+00	387530.2	3753872	11
1836	GRID	1.02E-06	3.78E-03	5.72E-03	-1.00E+00	387530.2	3753922	11
1837	GRID	9.44E-07	3.55E-03	5.64E-03	-1.00E+00	387530.2	3753972	11
1838	GRID	8.15E-07	3.19E-03	5.53E-03	-1.00E+00	387530.2	3754022	11
1839	GRID	6.63E-07	2.77E-03	5.39E-03	-1.00E+00	387530.2	3754072	11
1840	GRID	5.20E-07	2.37E-03	5.23E-03	-1.00E+00	387530.2	3754122	11
1841	GRID	4.03E-07	2.04E-03	5.09E-03	-1.00E+00	387530.2	3754172	11
1842	GRID	3.17E-07	1.78E-03	4.92E-03	-1.00E+00	387530.2	3754222	11
1843	GRID	2.56E-07	1.58E-03	4.75E-03	-1.00E+00	387530.2	3754272	11
1844	GRID	2.15E-07	1.42E-03	4.63E-03	-1.00E+00	387530.2	3754322	11
1845	GRID	1.86E-07	1.30E-03	4.47E-03	-1.00E+00	387530.2	3754372	11
1846	GRID	1.63E-07	1.17E-03	4.44E-03	-1.00E+00	387530.2	3754422	11
1847	GRID	1.47E-07	1.09E-03	4.27E-03	-1.00E+00	387530.2	3754472	11
1848	GRID	1.33E-07	9.87E-04	4.21E-03	-1.00E+00	387530.2	3754522	11
1849	GRID	1.21E-07	9.28E-04	4.06E-03	-1.00E+00	387530.2	3754572	11
1850	GRID	1.12E-07	8.76E-04	3.91E-03	-1.00E+00	387530.2	3754622	11
1851	GRID	1.04E-07	8.01E-04	3.85E-03	-1.00E+00	387530.2	3754672	11
1852	GRID	9.77E-08	7.61E-04	3.72E-03	-1.00E+00	387530.2	3754722	11
1853	GRID	9.34E-08	7.26E-04	3.58E-03	-1.00E+00	387530.2	3754772	11
1854	GRID	1.43E-07	9.98E-04	3.00E-03	-1.00E+00	387580.2	3752772	11
1855	GRID	1.46E-07	1.04E-03	3.12E-03	-1.00E+00	387580.2	3752822	11
1856	GRID	1.48E-07	1.08E-03	3.24E-03	-1.00E+00	387580.2	3752872	11
1857	GRID	1.51E-07	1.12E-03	3.35E-03	-1.00E+00	387580.2	3752922	11
1858	GRID	1.55E-07	1.16E-03	3.48E-03	-1.00E+00	387580.2	3752972	11
1859	GRID	1.60E-07	1.21E-03	3.61E-03	-1.00E+00	387580.2	3753022	11
1860	GRID	1.65E-07	1.26E-03	3.77E-03	-1.00E+00	387580.2	3753072	11
1861	GRID	1.70E-07	1.30E-03	3.90E-03	-1.00E+00	387580.2	3753122	11
1862	GRID	1.76E-07	1.35E-03	4.06E-03	-1.00E+00	387580.2	3753172	11
1863	GRID	1.84E-07	1.41E-03	4.21E-03	-1.00E+00	387580.2	3753222	11
1864	GRID	1.97E-07	1.48E-03	4.35E-03	-1.00E+00	387580.2	3753272	11
1865	GRID	2.13E-07	1.55E-03	4.51E-03	-1.00E+00	387580.2	3753322	11
1866	GRID	2.35E-07	1.64E-03	4.65E-03	-1.00E+00	387580.2	3753372	11
1867	GRID	2.63E-07	1.74E-03	4.78E-03	-1.00E+00	387580.2	3753422	11
1868	GRID	3.04E-07	1.87E-03	4.93E-03	-1.00E+00	387580.2	3753472	11
1869	GRID	3.51E-07	2.01E-03	5.07E-03	-1.00E+00	387580.2	3753522	11
1870	GRID	4.10E-07	2.18E-03	5.15E-03	-1.00E+00	387580.2	3753572	11
1871	GRID	4.84E-07	2.38E-03	5.24E-03	-1.00E+00	387580.2	3753622	11
1872	GRID	5.79E-07	2.63E-03	5.33E-03	-1.00E+00	387580.2	3753672	11
1873	GRID	6.84E-07	2.89E-03	5.37E-03	-1.00E+00	387580.2	3753722	11
1874	GRID	7.95E-07	3.14E-03	5.39E-03	-1.00E+00	387580.2	3753772	11
1875	GRID	8.95E-07	3.36E-03	5.38E-03	-1.00E+00	387580.2	3753822	11
1876	GRID	9.67E-07	3.49E-03	5.38E-03	-1.00E+00	387580.2	3753872	11
1877	GRID	9.79E-07	3.48E-03	5.32E-03	-1.00E+00	387580.2	3753922	11
1878	GRID	9.27E-07	3.31E-03	5.25E-03	-1.00E+00	387580.2	3753972	11
1879	GRID	8.19E-07	3.02E-03	5.16E-03	-1.00E+00	387580.2	3754022	11
1880	GRID	6.84E-07	2.67E-03	5.04E-03	-1.00E+00	387580.2	3754072	11
1881	GRID	5.47E-07	2.31E-03	4.92E-03	-1.00E+00	387580.2	3754122	11
1882	GRID	4.29E-07	1.99E-03	4.78E-03	-1.00E+00	387580.2	3754172	11
1883	GRID	3.38E-07	1.74E-03	4.63E-03	-1.00E+00	387580.2	3754222	11
1884	GRID	2.70E-07	1.53E-03	4.54E-03	-1.00E+00	387580.2	3754272	11
1885	GRID	2.25E-07	1.38E-03	4.40E-03	-1.00E+00	387580.2	3754322	11
1886	GRID	1.92E-07	1.24E-03	4.32E-03	-1.00E+00	387580.2	3754372	11
1887	GRID	1.68E-07	1.13E-03	4.24E-03	-1.00E+00	387580.2	3754422	11
1888	GRID	1.51E-07	1.04E-03	4.14E-03	-1.00E+00	387580.2	3754472	11
1889	GRID	1.36E-07	9.58E-04	4.06E-03	-1.00E+00	387580.2	3754522	11
1890	GRID	1.25E-07	9.01E-04	3.89E-03	-1.00E+00	387580.2	3754572	11
1891	GRID	1.14E-07	8.32E-04	3.83E-03	-1.00E+00	387580.2	3754622	11
1892	GRID	1.06E-07	7.78E-04	3.74E-03	-1.00E+00	387580.2	3754672	11
1893	GRID	9.88E-08	7.38E-04	3.60E-03	-1.00E+00	387580.2	3754722	11
1894	GRID	9.30E-08	6.93E-04	3.52E-03	-1.00E+00	387580.2	3754772	11
1895	GRID	1.42E-07	9.58E-04	2.90E-03	-1.00E+00	387630.2	3752772	11
1896	GRID	1.45E-07	9.97E-04	3.02E-03	-1.00E+00	387630.2	3752822	11
1897	GRID	1.48E-07	1.03E-03	3.13E-03	-1.00E+00	387630.2	3752872	11
1898	GRID	1.51E-07	1.07E-03	3.24E-03	-1.00E+00	387630.2	3752922	11
1899	GRID	1.54E-07	1.11E-03	3.35E-03	-1.00E+00	387630.2	3752972	11
1900	GRID	1.58E-07	1.14E-03	3.48E-03	-1.00E+00	387630.2	3753022	11
1901	GRID	1.64E-07	1.19E-03	3.61E-03	-1.00E+00	387630.2	3753072	11
1902	GRID	1.69E-07	1.23E-03	3.75E-03	-1.00E+00	387630.2	3753122	11
1903	GRID	1.76E-07	1.28E-03	3.86E-03	-1.00E+00	387630.2	3753172	11
1904	GRID	1.84E-07	1.33E-03	3.99E-03	-1.00E+00	387630.2	3753222	11
1905	GRID	1.98E-07	1.40E-03	4.14E-03	-1.00E+00	387630.2	3753272	11
1906	GRID	2.15E-07	1.47E-03	4.26E-03	-1.00E+00	387630.2	3753322	11
1907	GRID	2.37E-07	1.55E-03	4.39E-03	-1.00E+00	387630.2	3753372	11
1908	GRID	2.65E-07	1.64E-03	4.51E-03	-1.00E+00	387630.2	3753422	11
1909	GRID	3.04E-07	1.76E-03	4.64E-03	-1.00E+00	387630.2	3753472	11
1910	GRID	3.50E-07	1.89E-03	4.73E-03	-1.00E+00	387630.2	3753522	11
1911	GRID	4.06E-07	2.05E-03	4.82E-03	-1.00E+00	387630.2	3753572	11
1912	GRID	4.77E-07	2.23E-03	4.91E-03	-1.00E+00	387630.2	3753622	11
1913	GRID	5.64E-07	2.44E-03	4.96E-03	-1.00E+00	387630.2	3753672	11
1914	GRID	6.60E-07	2.67E-03	5.02E-03	-1.00E+00	387630.2	3753722	11
1915	GRID	7.62E-07	2.89E-03	5.02E-03	-1.00E+00	387630.2	3753772	11
1916	GRID	8.56E-07	3.08E-03	5.01E-03	-1.00E+00	387630.2	3753822	11
1917	GRID	9.28E-07	3.21E-03	5.02E-03	-1.00E+00	387630.2	3753872	11
1918	GRID	9.47E-07	3.21E-03	4.97E-03	-1.00E+00	387630.2	3753922	11
1919	GRID	9.10E-07	3.09E-03	4.90E-03	-1.00E+00	387630.2	3753972	11
1920	GRID	8.21E-07	2.86E-03	4.81E-03	-1.00E+00	387630.2	3754022	11
1921	GRID	7.01E-07	2.56E-03	4.72E-03	-1.00E+00	387630.2	3754072	11
1922	GRID	5.73E-07	2.25E-03	4.62E-03	-1.00E+00	387630.2	3754122	11
1923	GRID	4.56E-07	1.95E-03	4.49E-03	-1.00E+00	387630.2	3754172	11
1924	GRID	3.61E-07	1.70E-03	4.39E-03	-1.00E+00	387630.2	3754222	11
1925	GRID	2.87E-07	1.50E-03	4.31E-03	-1.00E+00	387630.2	3754272	11
1926	GRID	2.36E-07	1.34E-03	4.18E-03	-1.00E+00	387630.2	3754322	11
1927	GRID	1.99E-07	1.19E-03	4.18E-03	-1.00E+00	387630.2	3754372	11
1928	GRID	1.74E-07	1.10E-03	4.06E-03	-1.00E+00	387630.2	3754422	11
1929	GRID	1.54E-07	9.94E-04	4.04E-03	-1.00E+00	387630.2	3754472	11

Receptor	Type	Cancer	Chronic	Acute Simp	Acute Max	UTME	UTMN	ZONE
1930	GRID	1.39E-07	9.31E-04	3.90E-03	-1.00E+00	387630.2	3754522	11
1931	GRID	1.28E-07	8.75E-04	3.77E-03	-1.00E+00	387630.2	3754572	11
1932	GRID	1.17E-07	8.01E-04	3.72E-03	-1.00E+00	387630.2	3754622	11
1933	GRID	1.08E-07	7.57E-04	3.61E-03	-1.00E+00	387630.2	3754672	11
1934	GRID	1.01E-07	7.18E-04	3.49E-03	-1.00E+00	387630.2	3754722	11
1935	GRID	9.36E-08	6.61E-04	3.46E-03	-1.00E+00	387630.2	3754772	11
1936	GRID	1.41E-07	9.19E-04	2.82E-03	-1.00E+00	387680.2	3752772	11
1937	GRID	1.45E-07	9.54E-04	2.92E-03	-1.00E+00	387680.2	3752822	11
1938	GRID	1.47E-07	9.86E-04	3.02E-03	-1.00E+00	387680.2	3752872	11
1939	GRID	1.50E-07	1.02E-03	3.13E-03	-1.00E+00	387680.2	3752922	11
1940	GRID	1.54E-07	1.05E-03	3.24E-03	-1.00E+00	387680.2	3752972	11
1941	GRID	1.58E-07	1.09E-03	3.34E-03	-1.00E+00	387680.2	3753022	11
1942	GRID	1.64E-07	1.13E-03	3.47E-03	-1.00E+00	387680.2	3753072	11
1943	GRID	1.69E-07	1.17E-03	3.58E-03	-1.00E+00	387680.2	3753122	11
1944	GRID	1.76E-07	1.21E-03	3.70E-03	-1.00E+00	387680.2	3753172	11
1945	GRID	1.85E-07	1.26E-03	3.81E-03	-1.00E+00	387680.2	3753222	11
1946	GRID	2.00E-07	1.32E-03	3.93E-03	-1.00E+00	387680.2	3753272	11
1947	GRID	2.17E-07	1.39E-03	4.05E-03	-1.00E+00	387680.2	3753322	11
1948	GRID	2.39E-07	1.47E-03	4.15E-03	-1.00E+00	387680.2	3753372	11
1949	GRID	2.67E-07	1.55E-03	4.25E-03	-1.00E+00	387680.2	3753422	11
1950	GRID	3.05E-07	1.67E-03	4.37E-03	-1.00E+00	387680.2	3753472	11
1951	GRID	3.49E-07	1.79E-03	4.45E-03	-1.00E+00	387680.2	3753522	11
1952	GRID	4.02E-07	1.92E-03	4.52E-03	-1.00E+00	387680.2	3753572	11
1953	GRID	4.72E-07	2.10E-03	4.60E-03	-1.00E+00	387680.2	3753622	11
1954	GRID	5.51E-07	2.28E-03	4.65E-03	-1.00E+00	387680.2	3753672	11
1955	GRID	6.40E-07	2.47E-03	4.69E-03	-1.00E+00	387680.2	3753722	11
1956	GRID	7.34E-07	2.67E-03	4.69E-03	-1.00E+00	387680.2	3753772	11
1957	GRID	8.27E-07	2.85E-03	4.70E-03	-1.00E+00	387680.2	3753822	11
1958	GRID	8.92E-07	2.96E-03	4.69E-03	-1.00E+00	387680.2	3753872	11
1959	GRID	9.17E-07	2.97E-03	4.64E-03	-1.00E+00	387680.2	3753922	11
1960	GRID	8.93E-07	2.89E-03	4.59E-03	-1.00E+00	387680.2	3753972	11
1961	GRID	8.20E-07	2.71E-03	4.52E-03	-1.00E+00	387680.2	3754022	11
1962	GRID	7.15E-07	2.46E-03	4.45E-03	-1.00E+00	387680.2	3754072	11
1963	GRID	5.95E-07	2.18E-03	4.35E-03	-1.00E+00	387680.2	3754122	11
1964	GRID	4.81E-07	1.91E-03	4.26E-03	-1.00E+00	387680.2	3754172	11
1965	GRID	3.82E-07	1.66E-03	4.20E-03	-1.00E+00	387680.2	3754222	11
1966	GRID	3.06E-07	1.47E-03	4.09E-03	-1.00E+00	387680.2	3754272	11
1967	GRID	2.50E-07	1.31E-03	3.97E-03	-1.00E+00	387680.2	3754322	11
1968	GRID	2.08E-07	1.16E-03	4.00E-03	-1.00E+00	387680.2	3754372	11
1969	GRID	1.80E-07	1.07E-03	3.87E-03	-1.00E+00	387680.2	3754422	11
1970	GRID	1.58E-07	9.68E-04	3.88E-03	-1.00E+00	387680.2	3754472	11
1971	GRID	1.43E-07	9.05E-04	3.75E-03	-1.00E+00	387680.2	3754522	11
1972	GRID	1.31E-07	8.51E-04	3.63E-03	-1.00E+00	387680.2	3754572	11
1973	GRID	1.20E-07	7.79E-04	3.62E-03	-1.00E+00	387680.2	3754622	11
1974	GRID	1.11E-07	7.37E-04	3.47E-03	-1.00E+00	387680.2	3754672	11
1975	GRID	1.03E-07	6.89E-04	3.42E-03	-1.00E+00	387680.2	3754722	11
1976	GRID	9.55E-08	6.45E-04	3.35E-03	-1.00E+00	387680.2	3754772	11
1977	GRID	1.40E-07	8.81E-04	2.73E-03	-1.00E+00	387730.2	3752772	11
1978	GRID	1.44E-07	9.13E-04	2.83E-03	-1.00E+00	387730.2	3752822	11
1979	GRID	1.47E-07	9.42E-04	2.92E-03	-1.00E+00	387730.2	3752872	11
1980	GRID	1.50E-07	9.71E-04	3.03E-03	-1.00E+00	387730.2	3752922	11
1981	GRID	1.53E-07	1.00E-03	3.12E-03	-1.00E+00	387730.2	3752972	11
1982	GRID	1.57E-07	1.03E-03	3.21E-03	-1.00E+00	387730.2	3753022	11
1983	GRID	1.63E-07	1.07E-03	3.34E-03	-1.00E+00	387730.2	3753072	11
1984	GRID	1.68E-07	1.11E-03	3.44E-03	-1.00E+00	387730.2	3753122	11
1985	GRID	1.76E-07	1.15E-03	3.53E-03	-1.00E+00	387730.2	3753172	11
1986	GRID	1.86E-07	1.20E-03	3.62E-03	-1.00E+00	387730.2	3753222	11
1987	GRID	2.02E-07	1.26E-03	3.74E-03	-1.00E+00	387730.2	3753272	11
1988	GRID	2.19E-07	1.32E-03	3.84E-03	-1.00E+00	387730.2	3753322	11
1989	GRID	2.42E-07	1.39E-03	3.93E-03	-1.00E+00	387730.2	3753372	11
1990	GRID	2.70E-07	1.48E-03	4.03E-03	-1.00E+00	387730.2	3753422	11
1991	GRID	3.06E-07	1.58E-03	4.13E-03	-1.00E+00	387730.2	3753472	11
1992	GRID	3.48E-07	1.69E-03	4.19E-03	-1.00E+00	387730.2	3753522	11
1993	GRID	3.99E-07	1.81E-03	4.25E-03	-1.00E+00	387730.2	3753572	11
1994	GRID	4.65E-07	1.97E-03	4.32E-03	-1.00E+00	387730.2	3753622	11
1995	GRID	5.39E-07	2.13E-03	4.36E-03	-1.00E+00	387730.2	3753672	11
1996	GRID	6.22E-07	2.30E-03	4.40E-03	-1.00E+00	387730.2	3753722	11
1997	GRID	7.10E-07	2.47E-03	4.40E-03	-1.00E+00	387730.2	3753772	11
1998	GRID	7.97E-07	2.63E-03	4.41E-03	-1.00E+00	387730.2	3753822	11
1999	GRID	8.60E-07	2.73E-03	4.39E-03	-1.00E+00	387730.2	3753872	11
2000	GRID	8.89E-07	2.76E-03	4.36E-03	-1.00E+00	387730.2	3753922	11
2001	GRID	8.75E-07	2.70E-03	4.33E-03	-1.00E+00	387730.2	3753972	11
2002	GRID	8.17E-07	2.56E-03	4.26E-03	-1.00E+00	387730.2	3754022	11
2003	GRID	7.24E-07	2.35E-03	4.20E-03	-1.00E+00	387730.2	3754072	11
2004	GRID	6.15E-07	2.11E-03	4.10E-03	-1.00E+00	387730.2	3754122	11
2005	GRID	5.04E-07	1.86E-03	4.03E-03	-1.00E+00	387730.2	3754172	11
2006	GRID	4.05E-07	1.63E-03	3.98E-03	-1.00E+00	387730.2	3754222	11
2007	GRID	3.26E-07	1.44E-03	3.89E-03	-1.00E+00	387730.2	3754272	11
2008	GRID	2.62E-07	1.26E-03	3.91E-03	-1.00E+00	387730.2	3754322	11
2009	GRID	2.19E-07	1.14E-03	3.81E-03	-1.00E+00	387730.2	3754372	11
2010	GRID	1.87E-07	1.04E-03	3.72E-03	-1.00E+00	387730.2	3754422	11
2011	GRID	1.63E-07	9.43E-04	3.71E-03	-1.00E+00	387730.2	3754472	11
2012	GRID	1.47E-07	8.82E-04	3.60E-03	-1.00E+00	387730.2	3754522	11
2013	GRID	1.33E-07	8.07E-04	3.58E-03	-1.00E+00	387730.2	3754572	11
2014	GRID	1.22E-07	7.60E-04	3.49E-03	-1.00E+00	387730.2	3754622	11
2015	GRID	1.13E-07	7.19E-04	3.38E-03	-1.00E+00	387730.2	3754672	11
2016	GRID	1.05E-07	6.63E-04	3.34E-03	-1.00E+00	387730.2	3754722	11
2017	GRID	9.76E-08	6.30E-04	3.24E-03	-1.00E+00	387730.2	3754772	11
2018	GRID	8.76E-07	4.96E-03	1.36E-02	-1.00E+00	386492	3753952	11
2019	GRID	1.00E-06	5.26E-03	1.42E-02	-1.00E+00	386512	3753951	11
2020	GRID	1.10E-06	5.47E-03	1.47E-02	-1.00E+00	386525	3753950	11
2021	GRID	1.08E-06	5.40E-03	1.45E-02	-1.00E+00	386525	3753957	11
2022	GRID	1.06E-06	5.32E-03	1.43E-02	-1.00E+00	386525	3753965	11
2023	GRID	1.14E-06	5.49E-03	1.47E-02	-1.00E+00	386536.8	3753967	11
2024	GRID	1.30E-06	5.80E-03	1.52E-02	-1.00E+00	386556.7	3753969	11
2025	GRID	1.46E-06	6.13E-03	1.58E-02	-1.00E+00	386576.5	3753972	11
2026	GRID	1.58E-06	6.50E-03	1.63E-02	-1.00E+00	386596.3	3753975	11

Receptor	Type	Cancer	Chronic	Acute Simp	Acute Max	UTME	UTMN	ZONE
2027	GRID	1.65E-06	6.90E-03	1.69E-02	-1.00E+00	386616.1	3753977	11
2028	GRID	1.69E-06	7.31E-03	1.75E-02	-1.00E+00	386636	3753980	11
2029	GRID	1.70E-06	7.50E-03	1.77E-02	-1.00E+00	386645	3753981	11
2030	GRID	1.70E-06	7.68E-03	1.80E-02	-1.00E+00	386655.8	3753982	11
2031	GRID	1.66E-06	7.98E-03	1.85E-02	-1.00E+00	386675.6	3753985	11
2032	GRID	1.57E-06	8.30E-03	1.89E-02	-1.00E+00	386695.5	3753987	11
2033	GRID	1.47E-06	8.61E-03	1.91E-02	-1.00E+00	386715.4	3753990	11
2034	GRID	1.39E-06	8.70E-03	1.92E-02	-1.00E+00	386735	3753992	11
2035	GRID	1.39E-06	8.70E-03	1.92E-02	-1.00E+00	386735	3753992	11
2036	GRID	1.22E-06	7.96E-03	1.80E-02	-1.00E+00	386732.7	3754012	11
2037	GRID	1.08E-06	7.32E-03	1.68E-02	-1.00E+00	386730.5	3754032	11
2038	GRID	9.67E-07	6.77E-03	1.59E-02	-1.00E+00	386728.2	3754052	11
2039	GRID	8.67E-07	6.19E-03	1.52E-02	-1.00E+00	386726	3754072	11
2040	GRID	7.83E-07	5.76E-03	1.44E-02	-1.00E+00	386723.8	3754092	11
2041	GRID	7.11E-07	5.25E-03	1.38E-02	-1.00E+00	386721.5	3754111	11
2042	GRID	6.95E-07	5.14E-03	1.37E-02	-1.00E+00	386721	3754116	11
2043	GRID	6.49E-07	4.85E-03	1.32E-02	-1.00E+00	386719.3	3754131	11
2044	GRID	5.97E-07	4.56E-03	1.26E-02	-1.00E+00	386717.1	3754151	11
2045	GRID	5.51E-07	4.18E-03	1.22E-02	-1.00E+00	386714.9	3754171	11
2046	GRID	5.13E-07	3.92E-03	1.17E-02	-1.00E+00	386712.7	3754191	11
2047	GRID	4.80E-07	3.71E-03	1.12E-02	-1.00E+00	386710.5	3754211	11
2048	GRID	4.52E-07	3.52E-03	1.07E-02	-1.00E+00	386708.3	3754231	11
2049	GRID	4.27E-07	3.34E-03	1.03E-02	-1.00E+00	386706.1	3754251	11
2050	GRID	4.06E-07	3.18E-03	9.88E-03	-1.00E+00	386703.9	3754271	11
2051	GRID	3.87E-07	3.03E-03	9.50E-03	-1.00E+00	386701.7	3754290	11
2052	GRID	3.81E-07	2.98E-03	9.40E-03	-1.00E+00	386701	3754297	11
2053	GRID	3.88E-07	2.98E-03	9.37E-03	-1.00E+00	386687.8	3754296	11
2054	GRID	3.97E-07	2.97E-03	9.34E-03	-1.00E+00	386667.9	3754293	11
2055	GRID	4.02E-07	2.95E-03	9.29E-03	-1.00E+00	386648	3754291	11
2056	GRID	4.06E-07	3.00E-03	9.08E-03	-1.00E+00	386628.2	3754289	11
2057	GRID	4.04E-07	3.00E-03	8.96E-03	-1.00E+00	386608.3	3754286	11
2058	GRID	3.98E-07	2.96E-03	8.89E-03	-1.00E+00	386588.4	3754284	11
2059	GRID	3.89E-07	2.92E-03	8.80E-03	-1.00E+00	386568.6	3754282	11
2060	GRID	3.79E-07	2.87E-03	8.70E-03	-1.00E+00	386548.7	3754279	11
2061	GRID	3.70E-07	2.90E-03	8.41E-03	-1.00E+00	386528.8	3754277	11
2062	GRID	3.59E-07	2.86E-03	8.24E-03	-1.00E+00	386509	3754275	11
2063	GRID	3.48E-07	2.80E-03	8.11E-03	-1.00E+00	386489.1	3754272	11
2064	GRID	3.36E-07	2.73E-03	7.97E-03	-1.00E+00	386469.2	3754270	11
2065	GRID	3.24E-07	2.66E-03	7.86E-03	-1.00E+00	386449.4	3754268	11
2066	GRID	3.12E-07	2.59E-03	7.72E-03	-1.00E+00	386429.5	3754265	11
2067	GRID	3.09E-07	2.58E-03	7.70E-03	-1.00E+00	386426	3754265	11
2068	GRID	3.18E-07	2.65E-03	7.91E-03	-1.00E+00	386429	3754249	11
2069	GRID	3.31E-07	2.75E-03	8.18E-03	-1.00E+00	386432.6	3754229	11
2070	GRID	3.46E-07	2.89E-03	8.38E-03	-1.00E+00	386436.2	3754210	11
2071	GRID	3.63E-07	3.00E-03	8.68E-03	-1.00E+00	386439.8	3754190	11
2072	GRID	3.81E-07	3.11E-03	8.99E-03	-1.00E+00	386443.4	3754170	11
2073	GRID	4.02E-07	3.23E-03	9.31E-03	-1.00E+00	386447	3754151	11
2074	GRID	4.27E-07	3.35E-03	9.64E-03	-1.00E+00	386450.6	3754131	11
2075	GRID	4.55E-07	3.49E-03	1.00E-02	-1.00E+00	386454.3	3754111	11
2076	GRID	4.87E-07	3.62E-03	1.04E-02	-1.00E+00	386457.9	3754091	11
2077	GRID	5.23E-07	3.77E-03	1.07E-02	-1.00E+00	386461.5	3754072	11
2078	GRID	5.50E-07	3.87E-03	1.10E-02	-1.00E+00	386464	3754058	11
2079	GRID	5.64E-07	3.92E-03	1.11E-02	-1.00E+00	386465.5	3754052	11
2080	GRID	6.12E-07	4.09E-03	1.16E-02	-1.00E+00	386470.6	3754033	11
2081	GRID	6.65E-07	4.28E-03	1.21E-02	-1.00E+00	386475.7	3754014	11
2082	GRID	7.24E-07	4.48E-03	1.25E-02	-1.00E+00	386480.9	3753994	11
2083	GRID	7.88E-07	4.69E-03	1.30E-02	-1.00E+00	386486	3753975	11
2084	GRID	8.61E-07	4.92E-03	1.35E-02	-1.00E+00	386491.1	3753956	11
2085	GRID	5.00E-07	3.73E-03	1.07E-02	-1.00E+00	386442	3754049	11
2086	GRID	4.69E-07	3.59E-03	1.04E-02	-1.00E+00	386438.1	3754069	11
2087	GRID	4.40E-07	3.46E-03	1.00E-02	-1.00E+00	386434.2	3754088	11
2088	GRID	4.14E-07	3.33E-03	9.68E-03	-1.00E+00	386430.2	3754108	11
2089	GRID	3.90E-07	3.21E-03	9.35E-03	-1.00E+00	386426.3	3754127	11
2090	GRID	3.78E-07	3.14E-03	9.17E-03	-1.00E+00	386424	3754139	11
2091	GRID	3.66E-07	3.09E-03	9.05E-03	-1.00E+00	386415.8	3754139	11
2092	GRID	3.40E-07	2.97E-03	8.80E-03	-1.00E+00	386395.8	3754139	11
2093	GRID	3.15E-07	2.86E-03	8.53E-03	-1.00E+00	386375.8	3754139	11
2094	GRID	2.92E-07	2.75E-03	8.29E-03	-1.00E+00	386355.8	3754139	11
2095	GRID	2.70E-07	2.65E-03	8.04E-03	-1.00E+00	386335.8	3754139	11
2096	GRID	2.51E-07	2.52E-03	7.90E-03	-1.00E+00	386315.8	3754139	11
2097	GRID	2.34E-07	2.44E-03	7.66E-03	-1.00E+00	386295.8	3754139	11
2098	GRID	2.20E-07	2.35E-03	7.42E-03	-1.00E+00	386275.8	3754139	11
2099	GRID	2.07E-07	2.27E-03	7.23E-03	-1.00E+00	386255.8	3754139	11
2100	GRID	1.96E-07	2.20E-03	7.02E-03	-1.00E+00	386235.8	3754139	11
2101	GRID	1.87E-07	2.13E-03	6.83E-03	-1.00E+00	386215.8	3754139	11
2102	GRID	1.77E-07	2.00E-03	6.84E-03	-1.00E+00	386195.8	3754139	11
2103	GRID	1.71E-07	1.94E-03	6.68E-03	-1.00E+00	386179	3754139	11
2104	GRID	1.71E-07	1.95E-03	6.69E-03	-1.00E+00	386178.8	3754136	11
2105	GRID	1.75E-07	2.00E-03	6.75E-03	-1.00E+00	386177.4	3754116	11
2106	GRID	1.81E-07	2.09E-03	6.69E-03	-1.00E+00	386176	3754096	11
2107	GRID	1.86E-07	2.13E-03	6.76E-03	-1.00E+00	386174.7	3754076	11
2108	GRID	1.93E-07	2.17E-03	6.84E-03	-1.00E+00	386173.3	3754056	11
2109	GRID	1.94E-07	2.17E-03	6.86E-03	-1.00E+00	386173	3754052	11
2110	GRID	2.01E-07	2.23E-03	7.03E-03	-1.00E+00	386189	3754052	11
2111	GRID	2.10E-07	2.31E-03	7.26E-03	-1.00E+00	386209	3754052	11
2112	GRID	2.20E-07	2.40E-03	7.50E-03	-1.00E+00	386229	3754051	11
2113	GRID	2.30E-07	2.49E-03	7.76E-03	-1.00E+00	386249	3754051	11
2114	GRID	2.43E-07	2.59E-03	7.98E-03	-1.00E+00	386269	3754051	11
2115	GRID	2.58E-07	2.71E-03	8.19E-03	-1.00E+00	386289	3754051	11
2116	GRID	2.74E-07	2.82E-03	8.48E-03	-1.00E+00	386309	3754051	11
2117	GRID	2.94E-07	2.93E-03	8.78E-03	-1.00E+00	386329	3754050	11
2118	GRID	3.17E-07	3.05E-03	9.10E-03	-1.00E+00	386349	3754050	11
2119	GRID	3.45E-07	3.18E-03	9.43E-03	-1.00E+00	386369	3754050	11
2120	GRID	3.80E-07	3.32E-03	9.77E-03	-1.00E+00	386389	3754050	11
2121	GRID	4.20E-07	3.46E-03	1.01E-02	-1.00E+00	386409	3754049	11
2122	GRID	4.67E-07	3.62E-03	1.05E-02	-1.00E+00	386429	3754049	11
2123	GRID	6.00E-07	3.08E-03	6.39E-03	-1.00E+00	387456	3753657	11

Receptor	Type	Cancer	Chronic	Acute Simp	Acute Max	UTME	UTMN	ZONE
2124	GRID	5.93E-07	3.00E-03	6.18E-03	-1.00E+00	387475.9	3753659	11
2125	GRID	5.92E-07	2.93E-03	6.02E-03	-1.00E+00	387495.8	3753661	11
2126	GRID	5.91E-07	2.91E-03	5.97E-03	-1.00E+00	387501	3753662	11
2127	GRID	5.76E-07	2.91E-03	6.06E-03	-1.00E+00	387488.7	3753654	11
2128	GRID	5.57E-07	2.91E-03	6.18E-03	-1.00E+00	387472.1	3753643	11
2129	GRID	5.46E-07	2.91E-03	6.28E-03	-1.00E+00	387459	3753634	11
2130	GRID	5.45E-07	2.90E-03	6.24E-03	-1.00E+00	387463.2	3753635	11
2131	GRID	5.41E-07	2.83E-03	6.06E-03	-1.00E+00	387483	3753637	11
2132	GRID	5.38E-07	2.76E-03	5.90E-03	-1.00E+00	387502.9	3753640	11
2133	GRID	5.38E-07	2.75E-03	5.88E-03	-1.00E+00	387505	3753640	11
2134	GRID	5.57E-07	2.86E-03	6.05E-03	-1.00E+00	387488.1	3753646	11
2135	GRID	5.81E-07	2.98E-03	6.24E-03	-1.00E+00	387469.2	3753652	11
2136	GRID	3.39E-07	2.42E-03	7.91E-03	-1.00E+00	386578	3754362	11
2137	GRID	3.28E-07	2.33E-03	7.64E-03	-1.00E+00	386574	3754382	11
2138	GRID	3.18E-07	2.23E-03	7.38E-03	-1.00E+00	386570	3754401	11
2139	GRID	3.09E-07	2.15E-03	7.14E-03	-1.00E+00	386566	3754421	11
2140	GRID	2.99E-07	2.01E-03	7.07E-03	-1.00E+00	386562	3754440	11
2141	GRID	2.95E-07	1.97E-03	6.98E-03	-1.00E+00	386560	3754450	11
2142	GRID	2.97E-07	1.98E-03	7.01E-03	-1.00E+00	386570.1	3754451	11
2143	GRID	2.99E-07	2.00E-03	7.04E-03	-1.00E+00	386590	3754454	11
2144	GRID	3.00E-07	2.01E-03	7.06E-03	-1.00E+00	386609.8	3754456	11
2145	GRID	2.98E-07	2.02E-03	7.10E-03	-1.00E+00	386629.7	3754459	11
2146	GRID	2.97E-07	2.02E-03	7.11E-03	-1.00E+00	386634	3754459	11
2147	GRID	3.04E-07	2.08E-03	7.29E-03	-1.00E+00	386636.1	3754444	11
2148	GRID	3.12E-07	2.17E-03	7.52E-03	-1.00E+00	386638.9	3754424	11
2149	GRID	3.22E-07	2.25E-03	7.77E-03	-1.00E+00	386641.6	3754404	11
2150	GRID	3.33E-07	2.37E-03	7.98E-03	-1.00E+00	386644.4	3754384	11
2151	GRID	3.45E-07	2.52E-03	8.12E-03	-1.00E+00	386647	3754365	11
2152	GRID	3.45E-07	2.52E-03	8.12E-03	-1.00E+00	386646.3	3754365	11
2153	GRID	3.47E-07	2.49E-03	8.06E-03	-1.00E+00	386626.3	3754364	11
2154	GRID	3.45E-07	2.46E-03	8.00E-03	-1.00E+00	386606.3	3754363	11
2155	GRID	3.42E-07	2.43E-03	7.92E-03	-1.00E+00	386586.3	3754362	11
2156	GRID	1.33E-07	2.30E-03	6.72E-03	-1.00E+00	386672	3753148	11
2157	GRID	1.38E-07	2.39E-03	6.96E-03	-1.00E+00	386667.8	3753168	11
2158	GRID	1.40E-07	2.43E-03	7.05E-03	-1.00E+00	386666	3753176	11
2159	GRID	1.40E-07	2.43E-03	7.05E-03	-1.00E+00	386677.4	3753176	11
2160	GRID	1.39E-07	2.42E-03	7.08E-03	-1.00E+00	386697.4	3753175	11
2161	GRID	1.39E-07	2.42E-03	7.09E-03	-1.00E+00	386701	3753175	11
2162	GRID	1.35E-07	2.34E-03	6.89E-03	-1.00E+00	386700.4	3753159	11
2163	GRID	1.32E-07	2.29E-03	6.77E-03	-1.00E+00	386700	3753148	11
2164	GRID	1.32E-07	2.29E-03	6.77E-03	-1.00E+00	386690.7	3753148	11
2165	GRID	2.72E-07	2.86E-03	9.60E-03	-1.00E+00	387040.5	3754188	11
2166	GRID	9.60E-07	6.97E-03	1.87E-02	-1.00E+00	386868.1	3753984	11
2167	GRID	4.59E-07	3.75E-03	1.35E-02	-1.00E+00	386838.9	3754140	11
2168	GRID	6.82E-07	4.62E-03	1.23E-02	-1.00E+00	386647	3754137	11
2169	GRID	8.08E-06	1.93E-02	2.98E-02	-1.00E+00	386865.2	3753738	11
2170	GRID	7.04E-06	1.71E-02	2.69E-02	-1.00E+00	386891.9	3753737	11
2171	GRID	2.70E-06	9.12E-03	1.20E-02	-1.00E+00	387148.1	3753866	11
2172	GRID	5.05E-07	3.54E-03	1.01E-02	-1.00E+00	387128.7	3754069	11
2173	GRID	1.19E-06	5.40E-03	1.10E-02	-1.00E+00	387171.2	3753667	11
2174	GRID	3.06E-07	3.21E-03	8.46E-03	-1.00E+00	387196.9	3753458	11
2175	GRID	1.84E-07	2.82E-03	7.56E-03	-1.00E+00	386956.4	3753230	11
2176	GRID	1.96E-07	2.42E-03	6.46E-03	-1.00E+00	387220	3753270	11
2177	GRID	1.64E-07	1.78E-03	4.87E-03	-1.00E+00	387249.3	3753059	11
2178	GRID	1.27E-07	1.39E-03	4.19E-03	-1.00E+00	387010.2	3752829	11
2179	GRID	1.26E-07	1.44E-03	4.33E-03	-1.00E+00	386980.2	3752852	11
2180	GRID	1.40E-07	1.38E-03	5.50E-03	-1.00E+00	387270.7	3754445	11
2181	GRID	1.61E-07	1.51E-03	6.46E-03	-1.00E+00	387030	3754492	11
2182	GRID	2.59E-07	2.28E-03	8.89E-03	-1.00E+00	386847	3754346	11
2183	GRID	2.03E-07	1.35E-03	6.62E-03	-1.00E+00	386797.7	3754590	11
2184	GRID	2.30E-07	1.30E-03	5.47E-03	-1.00E+00	386619.8	3754690	11
2185	GRID	3.58E-07	2.57E-03	8.30E-03	-1.00E+00	386613.5	3754345	11
2186	GRID	2.05E-07	2.20E-03	8.17E-03	-1.00E+00	387052.3	3754292	11
2187	GRID	2.22E-07	1.92E-03	6.41E-03	-1.00E+00	387282.6	3754261	11
2188	GRID	3.09E-07	2.22E-03	6.61E-03	-1.00E+00	387324.7	3754180	11
2189	GRID	1.76E-07	1.51E-03	5.30E-03	-1.00E+00	387367	3754355	11
2190	GRID	1.92E-07	1.33E-03	4.53E-03	-1.00E+00	387527.8	3754359	11
2191	GRID	2.69E-07	1.67E-03	4.94E-03	-1.00E+00	387506.8	3754254	11
2192	GRID	4.26E-07	2.24E-03	5.52E-03	-1.00E+00	387478.1	3754149	11
2193	GRID	6.88E-07	3.09E-03	6.03E-03	-1.00E+00	387456.5	3754054	11
2194	GRID	8.38E-07	2.86E-03	4.74E-03	-1.00E+00	387645.1	3754014	11
2195	GRID	2.04E-07	1.61E-03	4.69E-03	-1.00E+00	387530.8	3753300	11
2196	GRID	9.55E-07	3.34E-03	5.15E-03	-1.00E+00	387608.3	3753886	11
2197	GRID	1.10E-06	4.33E-03	6.41E-03	-1.00E+00	387456.8	3753905	11
2198	GRID	6.83E-07	3.24E-03	6.23E-03	-1.00E+00	387479	3753695	11
2199	GRID	3.30E-07	2.13E-03	5.51E-03	-1.00E+00	387506.3	3753500	11
2200	GRID	1.89E-07	1.27E-03	4.91E-03	-1.00E+00	386221.1	3754560	11
2201	GRID	1.95E-07	1.56E-03	5.66E-03	-1.00E+00	386235.5	3754407	11
2202	GRID	1.17E-07	1.12E-03	4.73E-03	-1.00E+00	385870.7	3754223	11
2203	GRID	1.39E-07	1.53E-03	5.67E-03	-1.00E+00	386039.9	3754155	11
2204	GRID	2.03E-07	2.30E-03	7.24E-03	-1.00E+00	386220.2	3754077	11
2205	GRID	1.55E-07	1.64E-03	6.51E-03	-1.00E+00	386018.6	3753850	11
2206	GRID	1.06E-07	1.20E-03	4.16E-03	-1.00E+00	385773.5	3753648	11
2207	GRID	1.74E-07	2.06E-03	6.53E-03	-1.00E+00	386108.5	3753644	11
2208	GRID	1.66E-07	2.20E-03	6.66E-03	-1.00E+00	386181.9	3753471	11
2209	GRID	1.07E-07	1.28E-03	4.24E-03	-1.00E+00	385850.8	3753447	11
2210	GRID	1.18E-07	1.78E-03	5.12E-03	-1.00E+00	386349.3	3753075	11
2211	GRID	1.28E-07	1.60E-03	4.88E-03	-1.00E+00	386072.3	3753266	11
2212	GRID	1.18E-07	1.38E-03	4.24E-03	-1.00E+00	386006.3	3753179	11
2213	GRID	1.21E-07	1.57E-03	4.61E-03	-1.00E+00	386163.5	3753110	11
2214	GRID	1.32E-07	1.85E-03	5.26E-03	-1.00E+00	386241.1	3753167	11
2215	GRID	1.15E-07	1.32E-03	4.05E-03	-1.00E+00	386018.9	3753108	11
2216	GRID	1.11E-07	1.58E-03	4.63E-03	-1.00E+00	386300.6	3753015	11
2217	GRID	1.06E-07	1.37E-03	4.06E-03	-1.00E+00	386208.2	3752950	11
2218	GRID	1.02E-07	1.39E-03	4.15E-03	-1.00E+00	386350	3752896	11
2219	GRID	1.03E-07	1.31E-03	4.00E-03	-1.00E+00	386459.1	3752815	11
2220	GRID	3.35E-06	1.13E-02	2.45E-02	-1.00E+00	386678.6	3753892	11

Receptor	Type	Cancer	Chronic	Acute Simp	Acute Max	UTME	UTMN	ZONE
2221	GRID	2.50E-06	1.39E-02	2.67E-02	-1.00E+00	386709.4	3753688	11
2222	GRID	9.73E-07	8.30E-03	1.89E-02	-1.00E+00	386720.8	3753584	11
2223	GRID	4.40E-07	5.50E-03	1.39E-02	-1.00E+00	386734.4	3753484	11
2224	GRID	2.52E-07	3.97E-03	1.08E-02	-1.00E+00	386752.3	3753381	11
2225	GRID	1.81E-07	3.09E-03	8.81E-03	-1.00E+00	386768.7	3753283	11
2226	GRID	1.44E-07	2.43E-03	7.16E-03	-1.00E+00	386790	3753175	11
2227	GRID	1.26E-07	1.99E-03	6.01E-03	-1.00E+00	386808.5	3753070	11
2228	GRID	1.12E-07	1.53E-03	4.77E-03	-1.00E+00	386835.5	3752909	11
2229	GRID	9.59E-08	1.33E-03	4.25E-03	-1.00E+00	386675.8	3752826	11
2230	GRID	9.79E-08	1.29E-03	4.04E-03	-1.00E+00	386568.2	3752798	11
2231	GRID	1.03E-07	1.34E-03	4.07E-03	-1.00E+00	386483.9	3752822	11
2232	GRID	1.64E-07	2.56E-03	7.05E-03	-1.00E+00	386483.1	3753234	11
2233	GRID	1.30E-07	1.98E-03	5.60E-03	-1.00E+00	386347.3	3753144	11
2234	GRID	1.21E-07	1.89E-03	5.45E-03	-1.00E+00	386453	3753069	11
2235	GRID	1.28E-07	2.07E-03	5.97E-03	-1.00E+00	386551.4	3753101	11
2236	GRID	1.52E-07	2.55E-03	7.18E-03	-1.00E+00	386606.8	3753196	11
2237	GRID	1.06E-07	1.65E-03	5.05E-03	-1.00E+00	386630.9	3752962	11
2238	GRID	1.09E-07	1.58E-03	4.70E-03	-1.00E+00	386510	3752940	11
2239	GRID	1.03E-07	1.43E-03	4.36E-03	-1.00E+00	386540.1	3752868	11
2240	GRID	1.00E-07	1.48E-03	4.63E-03	-1.00E+00	386652.7	3752897	11
2241	GRID	4.75E-07	3.25E-03	9.45E-03	-1.00E+00	386295.8	3753847	11
2242	GRID	1.66E-07	1.75E-03	6.67E-03	-1.00E+00	386046.1	3753850	11
2243	GRID	1.90E-07	2.18E-03	6.85E-03	-1.00E+00	386137.5	3753643	11
2244	GRID	4.95E-07	3.56E-03	1.03E-02	-1.00E+00	386360.3	3753641	11
2245	GRID	3.03E-07	3.40E-03	9.04E-03	-1.00E+00	386417.2	3753440	11
2246	GRID	1.76E-07	2.33E-03	6.87E-03	-1.00E+00	386220.4	3753443	11
2247	GRID	4.48E-06	1.09E-02	2.46E-02	-1.00E+00	386632	3753792	11
2248	GRID	5.05E-06	1.23E-02	2.65E-02	-1.00E+00	386652	3753792	11
2249	GRID	8.40E-06	1.45E-02	2.93E-02	-1.00E+00	386672	3753792	11
2250	GRID	1.26E-05	1.76E-02	3.43E-02	-1.00E+00	386692	3753792	11
2251	GRID	1.84E-05	2.21E-02	4.15E-02	-1.00E+00	386712	3753792	11
2252	GRID	2.28E-05	3.08E-02	4.86E-02	-1.00E+00	386732	3753792	11
2253	GRID	2.96E-05	5.11E-02	6.82E-02	-1.00E+00	386752	3753792	11
2254	GRID	3.73E-05	2.85E-03	4.06E-03	-1.00E+00	386772	3753792	11
2255	GRID	4.45E-05	1.03E-01	6.87E-02	-1.00E+00	386792	3753792	11
2256	GRID	1.84E-05	6.94E-02	5.57E-02	-1.00E+00	386812	3753792	11
2257	GRID	1.65E-05	5.37E-02	4.56E-02	-1.00E+00	386828.7	3753792	11
2258	GRID	1.71E-05	5.35E-02	4.59E-02	-1.00E+00	386828.7	3753789	11
2259	GRID	1.70E-05	3.87E-02	3.52E-02	-1.00E+00	386828.5	3753769	11
2260	GRID	1.29E-05	2.80E-02	3.75E-02	-1.00E+00	386828.3	3753752	11
2261	GRID	1.31E-05	2.86E-02	3.96E-02	-1.00E+00	386825.5	3753752	11
2262	GRID	2.49E-05	3.51E-02	4.93E-02	-1.00E+00	386805.5	3753752	11
2263	GRID	2.86E-05	4.19E-02	5.36E-02	-1.00E+00	386785.5	3753752	11
2264	GRID	2.68E-05	4.11E-02	5.15E-02	-1.00E+00	386765.5	3753752	11
2265	GRID	2.29E-05	3.25E-02	4.90E-02	-1.00E+00	386745.5	3753752	11
2266	GRID	1.95E-05	2.42E-02	4.38E-02	-1.00E+00	386725.5	3753752	11
2267	GRID	1.27E-05	1.82E-02	3.51E-02	-1.00E+00	386705.5	3753752	11
2268	GRID	4.54E-06	1.48E-02	3.14E-02	-1.00E+00	386685.5	3753752	11
2269	GRID	4.97E-06	1.27E-02	2.70E-02	-1.00E+00	386665.5	3753752	11
2270	GRID	4.71E-06	1.15E-02	2.56E-02	-1.00E+00	386645.5	3753752	11
2271	GRID	4.29E-06	1.05E-02	2.42E-02	-1.00E+00	386629.8	3753752	11
2272	GRID	4.45E-06	1.05E-02	2.40E-02	-1.00E+00	386630	3753757	11
2273	GRID	4.82E-06	1.08E-02	2.43E-02	-1.00E+00	386631.1	3753777	11

APPENDIX E: WORKER CANCER, CHRONIC AND ACUTE RISK BY RECEPTOR

File: C:\01_Modeling\Bowman\07_HARP\M6_20141015\Worker\RISK.csv

1-2017 GRID
2018-2084 SCHOOL 1
2085-2122 SCHOOL 2
2123-2135 DAYCARE 1
2136-2155 DAYCARE 2
2156-2164 DAYCARE 3
2165-2246 CENSUS DATA
2247-2273 BOUNDARY

Receptor	Type	Cancer Risk	Chronic HI	Acute Simp HI	Acute Max HI	UTME	UTMN	ZONE
1	GRID	3.03E-07	1.03E-02	1.34E-02	-1.00E+00	386530.2	3753572	11
2	GRID	3.29E-07	1.06E-02	1.38E-02	-1.00E+00	386530.2	3753592	11
3	GRID	3.61E-07	1.10E-02	1.44E-02	-1.00E+00	386530.2	3753612	11
4	GRID	3.97E-07	1.13E-02	1.49E-02	-1.00E+00	386530.2	3753632	11
5	GRID	4.42E-07	1.15E-02	1.53E-02	-1.00E+00	386530.2	3753652	11
6	GRID	5.04E-07	1.18E-02	1.58E-02	-1.00E+00	386530.2	3753672	11
7	GRID	5.69E-07	1.21E-02	1.63E-02	-1.00E+00	386530.2	3753692	11
8	GRID	6.24E-07	1.22E-02	1.66E-02	-1.00E+00	386530.2	3753712	11
9	GRID	6.84E-07	1.24E-02	1.68E-02	-1.00E+00	386530.2	3753732	11
10	GRID	7.48E-07	1.25E-02	1.70E-02	-1.00E+00	386530.2	3753752	11
11	GRID	8.00E-07	1.27E-02	1.71E-02	-1.00E+00	386530.2	3753772	11
12	GRID	8.10E-07	1.28E-02	1.71E-02	-1.00E+00	386530.2	3753792	11
13	GRID	7.84E-07	1.28E-02	1.70E-02	-1.00E+00	386530.2	3753812	11
14	GRID	7.32E-07	1.27E-02	1.69E-02	-1.00E+00	386530.2	3753832	11
15	GRID	6.61E-07	1.25E-02	1.67E-02	-1.00E+00	386530.2	3753852	11
16	GRID	5.84E-07	1.21E-02	1.64E-02	-1.00E+00	386530.2	3753872	11
17	GRID	5.22E-07	1.18E-02	1.60E-02	-1.00E+00	386530.2	3753892	11
18	GRID	4.81E-07	1.13E-02	1.57E-02	-1.00E+00	386530.2	3753912	11
19	GRID	4.51E-07	1.09E-02	1.52E-02	-1.00E+00	386530.2	3753932	11
20	GRID	4.27E-07	1.05E-02	1.48E-02	-1.00E+00	386530.2	3753952	11
21	GRID	4.02E-07	1.01E-02	1.43E-02	-1.00E+00	386530.2	3753972	11
22	GRID	3.34E-07	1.09E-02	1.39E-02	-1.00E+00	386550.2	3753572	11
23	GRID	3.69E-07	1.13E-02	1.44E-02	-1.00E+00	386550.2	3753592	11
24	GRID	4.08E-07	1.18E-02	1.51E-02	-1.00E+00	386550.2	3753612	11
25	GRID	4.46E-07	1.21E-02	1.56E-02	-1.00E+00	386550.2	3753632	11
26	GRID	4.94E-07	1.24E-02	1.60E-02	-1.00E+00	386550.2	3753652	11
27	GRID	5.62E-07	1.27E-02	1.66E-02	-1.00E+00	386550.2	3753672	11
28	GRID	6.43E-07	1.31E-02	1.72E-02	-1.00E+00	386550.2	3753692	11
29	GRID	7.15E-07	1.33E-02	1.76E-02	-1.00E+00	386550.2	3753712	11
30	GRID	7.89E-07	1.34E-02	1.79E-02	-1.00E+00	386550.2	3753732	11
31	GRID	8.70E-07	1.36E-02	1.81E-02	-1.00E+00	386550.2	3753752	11
32	GRID	9.32E-07	1.38E-02	1.82E-02	-1.00E+00	386550.2	3753772	11
33	GRID	9.39E-07	1.39E-02	1.83E-02	-1.00E+00	386550.2	3753792	11
34	GRID	8.99E-07	1.39E-02	1.82E-02	-1.00E+00	386550.2	3753812	11
35	GRID	8.26E-07	1.37E-02	1.80E-02	-1.00E+00	386550.2	3753832	11
36	GRID	7.33E-07	1.34E-02	1.77E-02	-1.00E+00	386550.2	3753852	11
37	GRID	6.49E-07	1.30E-02	1.73E-02	-1.00E+00	386550.2	3753872	11
38	GRID	5.92E-07	1.26E-02	1.69E-02	-1.00E+00	386550.2	3753892	11
39	GRID	5.54E-07	1.21E-02	1.64E-02	-1.00E+00	386550.2	3753912	11
40	GRID	5.24E-07	1.16E-02	1.60E-02	-1.00E+00	386550.2	3753932	11
41	GRID	4.93E-07	1.12E-02	1.55E-02	-1.00E+00	386550.2	3753952	11
42	GRID	4.61E-07	1.07E-02	1.49E-02	-1.00E+00	386550.2	3753972	11
43	GRID	3.61E-07	1.15E-02	1.44E-02	-1.00E+00	386570.2	3753572	11
44	GRID	4.08E-07	1.20E-02	1.49E-02	-1.00E+00	386570.2	3753592	11
45	GRID	4.60E-07	1.26E-02	1.57E-02	-1.00E+00	386570.2	3753612	11
46	GRID	5.05E-07	1.30E-02	1.63E-02	-1.00E+00	386570.2	3753632	11
47	GRID	5.60E-07	1.34E-02	1.69E-02	-1.00E+00	386570.2	3753652	11
48	GRID	6.34E-07	1.39E-02	1.77E-02	-1.00E+00	386570.2	3753672	11
49	GRID	7.26E-07	1.42E-02	1.83E-02	-1.00E+00	386570.2	3753692	11
50	GRID	8.21E-07	1.44E-02	1.87E-02	-1.00E+00	386570.2	3753712	11
51	GRID	9.17E-07	1.46E-02	1.91E-02	-1.00E+00	386570.2	3753732	11
52	GRID	1.02E-06	1.48E-02	1.94E-02	-1.00E+00	386570.2	3753752	11
53	GRID	1.09E-06	1.50E-02	1.95E-02	-1.00E+00	386570.2	3753772	11
54	GRID	1.09E-06	1.51E-02	1.95E-02	-1.00E+00	386570.2	3753792	11
55	GRID	1.02E-06	1.51E-02	1.95E-02	-1.00E+00	386570.2	3753812	11
56	GRID	9.19E-07	1.49E-02	1.92E-02	-1.00E+00	386570.2	3753832	11
57	GRID	8.12E-07	1.45E-02	1.89E-02	-1.00E+00	386570.2	3753852	11
58	GRID	7.38E-07	1.40E-02	1.84E-02	-1.00E+00	386570.2	3753872	11
59	GRID	6.87E-07	1.35E-02	1.79E-02	-1.00E+00	386570.2	3753892	11
60	GRID	6.49E-07	1.29E-02	1.73E-02	-1.00E+00	386570.2	3753912	11
61	GRID	6.11E-07	1.24E-02	1.67E-02	-1.00E+00	386570.2	3753932	11
62	GRID	5.70E-07	1.19E-02	1.62E-02	-1.00E+00	386570.2	3753952	11
63	GRID	5.26E-07	1.14E-02	1.56E-02	-1.00E+00	386570.2	3753972	11
64	GRID	3.83E-07	1.22E-02	1.49E-02	-1.00E+00	386590.2	3753572	11
65	GRID	4.40E-07	1.28E-02	1.56E-02	-1.00E+00	386590.2	3753592	11
66	GRID	5.11E-07	1.35E-02	1.64E-02	-1.00E+00	386590.2	3753612	11
67	GRID	5.74E-07	1.40E-02	1.71E-02	-1.00E+00	386590.2	3753632	11
68	GRID	6.38E-07	1.45E-02	1.78E-02	-1.00E+00	386590.2	3753652	11
69	GRID	7.15E-07	1.49E-02	1.85E-02	-1.00E+00	386590.2	3753672	11
70	GRID	8.10E-07	1.55E-02	1.95E-02	-1.00E+00	386590.2	3753692	11
71	GRID	9.26E-07	1.58E-02	2.01E-02	-1.00E+00	386590.2	3753712	11
72	GRID	1.05E-06	1.60E-02	2.04E-02	-1.00E+00	386590.2	3753732	11
73	GRID	1.18E-06	1.62E-02	2.07E-02	-1.00E+00	386590.2	3753752	11
74	GRID	1.28E-06	1.64E-02	2.10E-02	-1.00E+00	386590.2	3753772	11
75	GRID	1.26E-06	1.66E-02	2.10E-02	-1.00E+00	386590.2	3753792	11
76	GRID	1.15E-06	1.65E-02	2.11E-02	-1.00E+00	386590.2	3753812	11
77	GRID	1.02E-06	1.62E-02	2.07E-02	-1.00E+00	386590.2	3753832	11
78	GRID	9.13E-07	1.58E-02	2.01E-02	-1.00E+00	386590.2	3753852	11
79	GRID	8.52E-07	1.52E-02	1.97E-02	-1.00E+00	386590.2	3753872	11
80	GRID	8.12E-07	1.45E-02	1.90E-02	-1.00E+00	386590.2	3753892	11
81	GRID	7.65E-07	1.39E-02	1.83E-02	-1.00E+00	386590.2	3753912	11
82	GRID	7.11E-07	1.33E-02	1.76E-02	-1.00E+00	386590.2	3753932	11
83	GRID	6.51E-07	1.27E-02	1.69E-02	-1.00E+00	386590.2	3753952	11
84	GRID	5.87E-07	1.22E-02	1.62E-02	-1.00E+00	386590.2	3753972	11
85	GRID	3.97E-07	1.28E-02	1.54E-02	-1.00E+00	386610.2	3753572	11
86	GRID	4.63E-07	1.35E-02	1.62E-02	-1.00E+00	386610.2	3753592	11

Receptor	Type	Cancer	Chronic	Acute Simp	Acute Max	UTME	UTMN	ZONE
87	GRID	5.43E-07	1.43E-02	1.70E-02	-1.00E+00	386610.2	3753612	11
88	GRID	6.38E-07	1.51E-02	1.80E-02	-1.00E+00	386610.2	3753632	11
89	GRID	7.14E-07	1.57E-02	1.88E-02	-1.00E+00	386610.2	3753652	11
90	GRID	7.79E-07	1.62E-02	1.97E-02	-1.00E+00	386610.2	3753672	11
91	GRID	8.82E-07	1.68E-02	2.06E-02	-1.00E+00	386610.2	3753692	11
92	GRID	1.02E-06	1.73E-02	2.14E-02	-1.00E+00	386610.2	3753712	11
93	GRID	1.19E-06	1.76E-02	2.19E-02	-1.00E+00	386610.2	3753732	11
94	GRID	1.38E-06	1.79E-02	2.23E-02	-1.00E+00	386610.2	3753752	11
95	GRID	1.52E-06	1.82E-02	2.26E-02	-1.00E+00	386610.2	3753772	11
96	GRID	1.46E-06	1.83E-02	2.27E-02	-1.00E+00	386610.2	3753792	11
97	GRID	1.28E-06	1.82E-02	2.28E-02	-1.00E+00	386610.2	3753812	11
98	GRID	1.12E-06	1.78E-02	2.21E-02	-1.00E+00	386610.2	3753832	11
99	GRID	1.05E-06	1.72E-02	2.17E-02	-1.00E+00	386610.2	3753852	11
100	GRID	1.01E-06	1.65E-02	2.11E-02	-1.00E+00	386610.2	3753872	11
101	GRID	9.59E-07	1.57E-02	2.02E-02	-1.00E+00	386610.2	3753892	11
102	GRID	8.92E-07	1.50E-02	1.93E-02	-1.00E+00	386610.2	3753912	11
103	GRID	8.05E-07	1.43E-02	1.86E-02	-1.00E+00	386610.2	3753932	11
104	GRID	7.16E-07	1.36E-02	1.77E-02	-1.00E+00	386610.2	3753952	11
105	GRID	6.31E-07	1.30E-02	1.69E-02	-1.00E+00	386610.2	3753972	11
106	GRID	4.02E-07	1.34E-02	1.60E-02	-1.00E+00	386630.2	3753572	11
107	GRID	4.76E-07	1.42E-02	1.68E-02	-1.00E+00	386630.2	3753592	11
108	GRID	5.74E-07	1.54E-02	1.80E-02	-1.00E+00	386630.2	3753612	11
109	GRID	6.72E-07	1.62E-02	1.89E-02	-1.00E+00	386630.2	3753632	11
110	GRID	7.56E-07	1.70E-02	1.99E-02	-1.00E+00	386630.2	3753652	11
111	GRID	8.47E-07	1.77E-02	2.06E-02	-1.00E+00	386630.2	3753672	11
112	GRID	9.45E-07	1.83E-02	2.18E-02	-1.00E+00	386630.2	3753692	11
113	GRID	1.10E-06	1.87E-02	2.25E-02	-1.00E+00	386630.2	3753712	11
114	GRID	1.33E-06	1.95E-02	2.39E-02	-1.00E+00	386630.2	3753732	11
115	GRID	1.61E-06	2.00E-02	2.42E-02	-1.00E+00	386630.2	3753752	11
116	GRID	1.80E-06	2.03E-02	2.44E-02	-1.00E+00	386630.2	3753772	11
117	GRID	1.67E-06	2.05E-02	2.45E-02	-1.00E+00	386630.2	3753792	11
118	GRID	1.42E-06	2.03E-02	2.47E-02	-1.00E+00	386630.2	3753812	11
119	GRID	1.28E-06	1.97E-02	2.42E-02	-1.00E+00	386630.2	3753832	11
120	GRID	1.24E-06	1.89E-02	2.33E-02	-1.00E+00	386630.2	3753852	11
121	GRID	1.19E-06	1.80E-02	2.21E-02	-1.00E+00	386630.2	3753872	11
122	GRID	1.11E-06	1.71E-02	2.14E-02	-1.00E+00	386630.2	3753892	11
123	GRID	9.95E-07	1.62E-02	2.06E-02	-1.00E+00	386630.2	3753912	11
124	GRID	8.74E-07	1.54E-02	1.95E-02	-1.00E+00	386630.2	3753932	11
125	GRID	7.61E-07	1.47E-02	1.85E-02	-1.00E+00	386630.2	3753952	11
126	GRID	6.63E-07	1.39E-02	1.76E-02	-1.00E+00	386630.2	3753972	11
127	GRID	3.99E-07	1.38E-02	1.65E-02	-1.00E+00	386650.2	3753572	11
128	GRID	4.76E-07	1.48E-02	1.75E-02	-1.00E+00	386650.2	3753592	11
129	GRID	5.77E-07	1.61E-02	1.87E-02	-1.00E+00	386650.2	3753612	11
130	GRID	6.70E-07	1.73E-02	1.98E-02	-1.00E+00	386650.2	3753632	11
131	GRID	7.73E-07	1.84E-02	2.10E-02	-1.00E+00	386650.2	3753652	11
132	GRID	8.83E-07	1.94E-02	2.23E-02	-1.00E+00	386650.2	3753672	11
133	GRID	1.01E-06	2.02E-02	2.32E-02	-1.00E+00	386650.2	3753692	11
134	GRID	1.15E-06	2.09E-02	2.39E-02	-1.00E+00	386650.2	3753712	11
135	GRID	1.40E-06	2.14E-02	2.51E-02	-1.00E+00	386650.2	3753732	11
136	GRID	1.80E-06	2.23E-02	2.57E-02	-1.00E+00	386650.2	3753752	11
137	GRID	1.65E-06	2.29E-02	2.65E-02	-1.00E+00	386650.2	3753812	11
138	GRID	1.54E-06	2.21E-02	2.57E-02	-1.00E+00	386650.2	3753832	11
139	GRID	1.46E-06	2.09E-02	2.52E-02	-1.00E+00	386650.2	3753852	11
140	GRID	1.34E-06	1.98E-02	2.43E-02	-1.00E+00	386650.2	3753872	11
141	GRID	1.22E-06	1.87E-02	2.30E-02	-1.00E+00	386650.2	3753892	11
142	GRID	1.06E-06	1.77E-02	2.15E-02	-1.00E+00	386650.2	3753912	11
143	GRID	9.16E-07	1.67E-02	2.04E-02	-1.00E+00	386650.2	3753932	11
144	GRID	7.90E-07	1.58E-02	1.93E-02	-1.00E+00	386650.2	3753952	11
145	GRID	6.83E-07	1.49E-02	1.83E-02	-1.00E+00	386650.2	3753972	11
146	GRID	3.78E-07	1.43E-02	1.70E-02	-1.00E+00	386670.2	3753572	11
147	GRID	4.56E-07	1.54E-02	1.80E-02	-1.00E+00	386670.2	3753592	11
148	GRID	5.56E-07	1.70E-02	1.96E-02	-1.00E+00	386670.2	3753612	11
149	GRID	6.51E-07	1.83E-02	2.06E-02	-1.00E+00	386670.2	3753632	11
150	GRID	7.66E-07	1.98E-02	2.19E-02	-1.00E+00	386670.2	3753652	11
151	GRID	8.93E-07	2.12E-02	2.34E-02	-1.00E+00	386670.2	3753672	11
152	GRID	1.02E-06	2.25E-02	2.49E-02	-1.00E+00	386670.2	3753692	11
153	GRID	1.12E-06	2.35E-02	2.60E-02	-1.00E+00	386670.2	3753712	11
154	GRID	1.32E-06	2.43E-02	2.65E-02	-1.00E+00	386670.2	3753732	11
155	GRID	2.05E-06	2.50E-02	2.76E-02	-1.00E+00	386670.2	3753752	11
156	GRID	2.03E-06	2.62E-02	2.85E-02	-1.00E+00	386670.2	3753812	11
157	GRID	1.83E-06	2.50E-02	2.80E-02	-1.00E+00	386670.2	3753832	11
158	GRID	1.62E-06	2.34E-02	2.70E-02	-1.00E+00	386670.2	3753852	11
159	GRID	1.43E-06	2.19E-02	2.57E-02	-1.00E+00	386670.2	3753872	11
160	GRID	1.26E-06	2.06E-02	2.42E-02	-1.00E+00	386670.2	3753892	11
161	GRID	1.09E-06	1.93E-02	2.25E-02	-1.00E+00	386670.2	3753912	11
162	GRID	9.32E-07	1.81E-02	2.17E-02	-1.00E+00	386670.2	3753932	11
163	GRID	7.98E-07	1.70E-02	2.02E-02	-1.00E+00	386670.2	3753952	11
164	GRID	6.87E-07	1.56E-02	1.91E-02	-1.00E+00	386670.2	3753972	11
165	GRID	3.45E-07	1.46E-02	1.75E-02	-1.00E+00	386690.2	3753572	11
166	GRID	4.18E-07	1.60E-02	1.89E-02	-1.00E+00	386690.2	3753592	11
167	GRID	5.04E-07	1.75E-02	2.02E-02	-1.00E+00	386690.2	3753612	11
168	GRID	6.03E-07	1.91E-02	2.15E-02	-1.00E+00	386690.2	3753632	11
169	GRID	7.21E-07	2.09E-02	2.31E-02	-1.00E+00	386690.2	3753652	11
170	GRID	8.56E-07	2.29E-02	2.46E-02	-1.00E+00	386690.2	3753672	11
171	GRID	9.77E-07	2.49E-02	2.62E-02	-1.00E+00	386690.2	3753692	11
172	GRID	1.01E-06	2.67E-02	2.78E-02	-1.00E+00	386690.2	3753712	11
173	GRID	1.02E-06	2.80E-02	2.84E-02	-1.00E+00	386690.2	3753732	11
174	GRID	2.17E-06	2.92E-02	3.25E-02	-1.00E+00	386690.2	3753752	11
175	GRID	3.01E-06	3.10E-02	3.12E-02	-1.00E+00	386690.2	3753812	11
176	GRID	1.94E-06	2.87E-02	3.01E-02	-1.00E+00	386690.2	3753832	11
177	GRID	1.64E-06	2.65E-02	2.84E-02	-1.00E+00	386690.2	3753852	11
178	GRID	1.42E-06	2.46E-02	2.72E-02	-1.00E+00	386690.2	3753872	11
179	GRID	1.23E-06	2.29E-02	2.53E-02	-1.00E+00	386690.2	3753892	11
180	GRID	1.06E-06	2.12E-02	2.40E-02	-1.00E+00	386690.2	3753912	11
181	GRID	9.04E-07	1.96E-02	2.23E-02	-1.00E+00	386690.2	3753932	11
182	GRID	7.75E-07	1.81E-02	2.10E-02	-1.00E+00	386690.2	3753952	11
183	GRID	6.66E-07	1.67E-02	1.96E-02	-1.00E+00	386690.2	3753972	11

Receptor	Type	Cancer	Chronic	Acute Simp	Acute Max	UTME	UTMN	ZONE
184	GRID	3.25E-07	1.47E-02	1.79E-02	-1.00E+00	386710.2	3753572	11
185	GRID	3.94E-07	1.64E-02	1.94E-02	-1.00E+00	386710.2	3753592	11
186	GRID	4.75E-07	1.79E-02	2.08E-02	-1.00E+00	386710.2	3753612	11
187	GRID	5.77E-07	1.97E-02	2.23E-02	-1.00E+00	386710.2	3753632	11
188	GRID	7.01E-07	2.18E-02	2.38E-02	-1.00E+00	386710.2	3753652	11
189	GRID	8.45E-07	2.43E-02	2.57E-02	-1.00E+00	386710.2	3753672	11
190	GRID	9.50E-07	2.71E-02	2.73E-02	-1.00E+00	386710.2	3753692	11
191	GRID	9.00E-07	3.02E-02	2.92E-02	-1.00E+00	386710.2	3753712	11
192	GRID	1.18E-06	3.32E-02	3.18E-02	-1.00E+00	386710.2	3753732	11
193	GRID	3.93E-06	3.79E-02	3.61E-02	-1.00E+00	386710.2	3753812	11
194	GRID	2.03E-06	3.40E-02	3.32E-02	-1.00E+00	386710.2	3753832	11
195	GRID	1.57E-06	3.08E-02	3.28E-02	-1.00E+00	386710.2	3753852	11
196	GRID	1.35E-06	2.80E-02	2.89E-02	-1.00E+00	386710.2	3753872	11
197	GRID	1.16E-06	2.55E-02	2.67E-02	-1.00E+00	386710.2	3753892	11
198	GRID	1.01E-06	2.31E-02	2.50E-02	-1.00E+00	386710.2	3753912	11
199	GRID	8.56E-07	2.10E-02	2.32E-02	-1.00E+00	386710.2	3753932	11
200	GRID	7.34E-07	1.92E-02	2.15E-02	-1.00E+00	386710.2	3753952	11
201	GRID	6.33E-07	1.75E-02	2.01E-02	-1.00E+00	386710.2	3753972	11
202	GRID	3.30E-07	1.48E-02	1.82E-02	-1.00E+00	386730.2	3753572	11
203	GRID	4.01E-07	1.65E-02	1.97E-02	-1.00E+00	386730.2	3753592	11
204	GRID	4.88E-07	1.81E-02	2.10E-02	-1.00E+00	386730.2	3753612	11
205	GRID	6.02E-07	2.01E-02	2.26E-02	-1.00E+00	386730.2	3753632	11
206	GRID	7.44E-07	2.24E-02	2.42E-02	-1.00E+00	386730.2	3753652	11
207	GRID	9.06E-07	2.53E-02	2.63E-02	-1.00E+00	386730.2	3753672	11
208	GRID	9.98E-07	2.89E-02	2.87E-02	-1.00E+00	386730.2	3753692	11
209	GRID	9.47E-07	3.37E-02	3.01E-02	-1.00E+00	386730.2	3753712	11
210	GRID	1.83E-06	4.06E-02	3.39E-02	-1.00E+00	386730.2	3753732	11
211	GRID	3.60E-06	4.95E-02	3.93E-02	-1.00E+00	386730.2	3753812	11
212	GRID	2.02E-06	4.21E-02	4.16E-02	-1.00E+00	386730.2	3753832	11
213	GRID	1.48E-06	3.65E-02	3.49E-02	-1.00E+00	386730.2	3753852	11
214	GRID	1.28E-06	3.19E-02	2.98E-02	-1.00E+00	386730.2	3753872	11
215	GRID	1.10E-06	2.80E-02	2.76E-02	-1.00E+00	386730.2	3753892	11
216	GRID	9.58E-07	2.48E-02	2.52E-02	-1.00E+00	386730.2	3753912	11
217	GRID	8.17E-07	2.22E-02	2.34E-02	-1.00E+00	386730.2	3753932	11
218	GRID	7.01E-07	1.99E-02	2.20E-02	-1.00E+00	386730.2	3753952	11
219	GRID	6.05E-07	1.81E-02	2.07E-02	-1.00E+00	386730.2	3753972	11
220	GRID	3.44E-07	1.50E-02	1.86E-02	-1.00E+00	386750.2	3753572	11
221	GRID	4.18E-07	1.65E-02	2.00E-02	-1.00E+00	386750.2	3753592	11
222	GRID	5.12E-07	1.82E-02	2.17E-02	-1.00E+00	386750.2	3753612	11
223	GRID	6.34E-07	2.01E-02	2.35E-02	-1.00E+00	386750.2	3753632	11
224	GRID	7.85E-07	2.25E-02	2.53E-02	-1.00E+00	386750.2	3753652	11
225	GRID	9.48E-07	2.56E-02	2.77E-02	-1.00E+00	386750.2	3753672	11
226	GRID	1.07E-06	2.98E-02	3.10E-02	-1.00E+00	386750.2	3753692	11
227	GRID	1.20E-06	3.60E-02	3.27E-02	-1.00E+00	386750.2	3753712	11
228	GRID	2.31E-06	4.80E-02	3.70E-02	-1.00E+00	386750.2	3753732	11
229	GRID	4.46E-06	7.10E-02	5.46E-02	-1.00E+00	386750.2	3753812	11
230	GRID	1.96E-06	5.40E-02	4.64E-02	-1.00E+00	386750.2	3753832	11
231	GRID	1.37E-06	4.27E-02	3.29E-02	-1.00E+00	386750.2	3753852	11
232	GRID	1.19E-06	3.51E-02	3.04E-02	-1.00E+00	386750.2	3753872	11
233	GRID	1.03E-06	2.98E-02	2.88E-02	-1.00E+00	386750.2	3753892	11
234	GRID	8.96E-07	2.58E-02	2.66E-02	-1.00E+00	386750.2	3753912	11
235	GRID	7.69E-07	2.27E-02	2.41E-02	-1.00E+00	386750.2	3753932	11
236	GRID	6.65E-07	2.03E-02	2.23E-02	-1.00E+00	386750.2	3753952	11
237	GRID	5.77E-07	1.83E-02	2.08E-02	-1.00E+00	386750.2	3753972	11
238	GRID	3.58E-07	1.51E-02	1.88E-02	-1.00E+00	386770.2	3753572	11
239	GRID	4.33E-07	1.65E-02	2.00E-02	-1.00E+00	386770.2	3753592	11
240	GRID	5.27E-07	1.82E-02	2.14E-02	-1.00E+00	386770.2	3753612	11
241	GRID	6.45E-07	2.02E-02	2.29E-02	-1.00E+00	386770.2	3753632	11
242	GRID	7.94E-07	2.27E-02	2.47E-02	-1.00E+00	386770.2	3753652	11
243	GRID	9.58E-07	2.63E-02	2.78E-02	-1.00E+00	386770.2	3753672	11
244	GRID	1.15E-06	3.01E-02	3.09E-02	-1.00E+00	386770.2	3753692	11
245	GRID	1.58E-06	3.71E-02	3.81E-02	-1.00E+00	386770.2	3753712	11
246	GRID	3.08E-06	5.14E-02	4.69E-02	-1.00E+00	386770.2	3753732	11
247	GRID	6.59E-06	1.00E-01	6.07E-02	-1.00E+00	386770.2	3753812	11
248	GRID	2.07E-06	6.25E-02	5.01E-02	-1.00E+00	386770.2	3753832	11
249	GRID	1.36E-06	4.53E-02	3.96E-02	-1.00E+00	386770.2	3753852	11
250	GRID	1.11E-06	3.59E-02	3.45E-02	-1.00E+00	386770.2	3753872	11
251	GRID	9.53E-07	2.99E-02	2.97E-02	-1.00E+00	386770.2	3753892	11
252	GRID	8.28E-07	2.57E-02	2.61E-02	-1.00E+00	386770.2	3753912	11
253	GRID	7.14E-07	2.25E-02	2.43E-02	-1.00E+00	386770.2	3753932	11
254	GRID	6.19E-07	2.01E-02	2.26E-02	-1.00E+00	386770.2	3753952	11
255	GRID	5.39E-07	1.80E-02	2.10E-02	-1.00E+00	386770.2	3753972	11
256	GRID	3.65E-07	1.53E-02	1.88E-02	-1.00E+00	386790.2	3753572	11
257	GRID	4.36E-07	1.67E-02	2.01E-02	-1.00E+00	386790.2	3753592	11
258	GRID	5.24E-07	1.84E-02	2.18E-02	-1.00E+00	386790.2	3753612	11
259	GRID	6.34E-07	2.07E-02	2.37E-02	-1.00E+00	386790.2	3753632	11
260	GRID	7.68E-07	2.36E-02	2.57E-02	-1.00E+00	386790.2	3753652	11
261	GRID	9.42E-07	2.70E-02	2.77E-02	-1.00E+00	386790.2	3753672	11
262	GRID	1.21E-06	3.13E-02	3.03E-02	-1.00E+00	386790.2	3753692	11
263	GRID	1.85E-06	3.83E-02	3.49E-02	-1.00E+00	386790.2	3753712	11
264	GRID	4.14E-06	5.17E-02	4.53E-02	-1.00E+00	386790.2	3753732	11
265	GRID	7.94E-06	8.77E-02	5.65E-02	-1.00E+00	386790.2	3753812	11
266	GRID	2.15E-06	5.60E-02	4.88E-02	-1.00E+00	386790.2	3753832	11
267	GRID	1.41E-06	4.16E-02	4.05E-02	-1.00E+00	386790.2	3753852	11
268	GRID	1.08E-06	3.34E-02	3.36E-02	-1.00E+00	386790.2	3753872	11
269	GRID	8.92E-07	2.81E-02	2.83E-02	-1.00E+00	386790.2	3753892	11
270	GRID	7.66E-07	2.44E-02	2.59E-02	-1.00E+00	386790.2	3753912	11
271	GRID	6.60E-07	2.15E-02	2.41E-02	-1.00E+00	386790.2	3753932	11
272	GRID	5.73E-07	1.92E-02	2.24E-02	-1.00E+00	386790.2	3753952	11
273	GRID	5.01E-07	1.74E-02	2.09E-02	-1.00E+00	386790.2	3753972	11
274	GRID	3.61E-07	1.55E-02	1.87E-02	-1.00E+00	386810.2	3753572	11
275	GRID	4.29E-07	1.72E-02	2.02E-02	-1.00E+00	386810.2	3753592	11
276	GRID	5.09E-07	1.91E-02	2.18E-02	-1.00E+00	386810.2	3753612	11
277	GRID	6.04E-07	2.13E-02	2.35E-02	-1.00E+00	386810.2	3753632	11
278	GRID	7.33E-07	2.40E-02	2.59E-02	-1.00E+00	386810.2	3753652	11
279	GRID	9.31E-07	2.74E-02	2.81E-02	-1.00E+00	386810.2	3753672	11
280	GRID	1.27E-06	3.20E-02	2.98E-02	-1.00E+00	386810.2	3753692	11

Receptor	Type	Cancer	Chronic	Acute Simp	Acute Max	UTME	UTMN	ZONE
281	GRID	1.94E-06	3.84E-02	3.38E-02	-1.00E+00	386810.2	3753712	11
282	GRID	3.29E-06	4.78E-02	4.24E-02	-1.00E+00	386810.2	3753732	11
283	GRID	4.38E-06	7.73E-02	4.62E-02	-1.00E+00	386810.2	3753812	11
284	GRID	2.40E-06	4.76E-02	3.71E-02	-1.00E+00	386810.2	3753832	11
285	GRID	1.50E-06	3.60E-02	3.25E-02	-1.00E+00	386810.2	3753852	11
286	GRID	1.09E-06	2.97E-02	3.01E-02	-1.00E+00	386810.2	3753872	11
287	GRID	8.65E-07	2.55E-02	2.87E-02	-1.00E+00	386810.2	3753892	11
288	GRID	7.17E-07	2.24E-02	2.65E-02	-1.00E+00	386810.2	3753912	11
289	GRID	6.14E-07	2.01E-02	2.45E-02	-1.00E+00	386810.2	3753932	11
290	GRID	5.34E-07	1.81E-02	2.26E-02	-1.00E+00	386810.2	3753952	11
291	GRID	4.66E-07	1.65E-02	2.07E-02	-1.00E+00	386810.2	3753972	11
292	GRID	3.52E-07	1.59E-02	1.86E-02	-1.00E+00	386830.2	3753572	11
293	GRID	4.11E-07	1.75E-02	2.01E-02	-1.00E+00	386830.2	3753592	11
294	GRID	4.82E-07	1.93E-02	2.16E-02	-1.00E+00	386830.2	3753612	11
295	GRID	5.76E-07	2.15E-02	2.32E-02	-1.00E+00	386830.2	3753632	11
296	GRID	7.14E-07	2.40E-02	2.48E-02	-1.00E+00	386830.2	3753652	11
297	GRID	9.38E-07	2.71E-02	2.66E-02	-1.00E+00	386830.2	3753672	11
298	GRID	1.31E-06	3.08E-02	2.90E-02	-1.00E+00	386830.2	3753692	11
299	GRID	1.97E-06	3.55E-02	3.05E-02	-1.00E+00	386830.2	3753712	11
300	GRID	3.10E-06	4.17E-02	3.79E-02	-1.00E+00	386830.2	3753732	11
301	GRID	4.82E-06	5.28E-02	3.58E-02	-1.00E+00	386830.2	3753752	11
302	GRID	6.45E-06	7.77E-02	3.76E-02	-1.00E+00	386830.2	3753772	11
303	GRID	6.14E-06	1.00E-01	4.47E-02	-1.00E+00	386830.2	3753792	11
304	GRID	4.37E-06	7.33E-02	3.92E-02	-1.00E+00	386830.2	3753812	11
305	GRID	2.61E-06	4.53E-02	3.56E-02	-1.00E+00	386830.2	3753832	11
306	GRID	1.61E-06	3.28E-02	3.29E-02	-1.00E+00	386830.2	3753852	11
307	GRID	1.13E-06	2.68E-02	2.92E-02	-1.00E+00	386830.2	3753872	11
308	GRID	8.63E-07	2.32E-02	2.68E-02	-1.00E+00	386830.2	3753892	11
309	GRID	6.95E-07	2.06E-02	2.48E-02	-1.00E+00	386830.2	3753912	11
310	GRID	5.80E-07	1.86E-02	2.34E-02	-1.00E+00	386830.2	3753932	11
311	GRID	4.98E-07	1.69E-02	2.20E-02	-1.00E+00	386830.2	3753952	11
312	GRID	4.35E-07	1.55E-02	2.06E-02	-1.00E+00	386830.2	3753972	11
313	GRID	3.34E-07	1.60E-02	1.84E-02	-1.00E+00	386850.2	3753572	11
314	GRID	3.87E-07	1.75E-02	1.95E-02	-1.00E+00	386850.2	3753592	11
315	GRID	4.58E-07	1.92E-02	2.10E-02	-1.00E+00	386850.2	3753612	11
316	GRID	5.60E-07	2.11E-02	2.23E-02	-1.00E+00	386850.2	3753632	11
317	GRID	7.14E-07	2.33E-02	2.43E-02	-1.00E+00	386850.2	3753652	11
318	GRID	9.53E-07	2.58E-02	2.57E-02	-1.00E+00	386850.2	3753672	11
319	GRID	1.34E-06	2.87E-02	2.72E-02	-1.00E+00	386850.2	3753692	11
320	GRID	1.94E-06	3.20E-02	2.89E-02	-1.00E+00	386850.2	3753712	11
321	GRID	2.87E-06	3.70E-02	3.05E-02	-1.00E+00	386850.2	3753732	11
322	GRID	4.20E-06	4.66E-02	3.17E-02	-1.00E+00	386850.2	3753752	11
323	GRID	5.49E-06	6.45E-02	3.27E-02	-1.00E+00	386850.2	3753772	11
324	GRID	5.50E-06	7.92E-02	3.73E-02	-1.00E+00	386850.2	3753792	11
325	GRID	4.28E-06	6.73E-02	3.34E-02	-1.00E+00	386850.2	3753812	11
326	GRID	2.76E-06	4.54E-02	3.43E-02	-1.00E+00	386850.2	3753832	11
327	GRID	1.72E-06	3.20E-02	2.93E-02	-1.00E+00	386850.2	3753852	11
328	GRID	1.18E-06	2.53E-02	2.81E-02	-1.00E+00	386850.2	3753872	11
329	GRID	8.81E-07	2.16E-02	2.61E-02	-1.00E+00	386850.2	3753892	11
330	GRID	6.91E-07	1.91E-02	2.47E-02	-1.00E+00	386850.2	3753912	11
331	GRID	5.63E-07	1.73E-02	2.26E-02	-1.00E+00	386850.2	3753932	11
332	GRID	4.73E-07	1.58E-02	2.12E-02	-1.00E+00	386850.2	3753952	11
333	GRID	4.09E-07	1.46E-02	1.99E-02	-1.00E+00	386850.2	3753972	11
334	GRID	3.14E-07	1.59E-02	1.79E-02	-1.00E+00	386870.2	3753572	11
335	GRID	3.68E-07	1.72E-02	1.90E-02	-1.00E+00	386870.2	3753592	11
336	GRID	4.44E-07	1.87E-02	2.04E-02	-1.00E+00	386870.2	3753612	11
337	GRID	5.54E-07	2.04E-02	2.18E-02	-1.00E+00	386870.2	3753632	11
338	GRID	7.21E-07	2.22E-02	2.30E-02	-1.00E+00	386870.2	3753652	11
339	GRID	9.71E-07	2.41E-02	2.44E-02	-1.00E+00	386870.2	3753672	11
340	GRID	1.34E-06	2.63E-02	2.59E-02	-1.00E+00	386870.2	3753692	11
341	GRID	1.87E-06	2.91E-02	2.70E-02	-1.00E+00	386870.2	3753712	11
342	GRID	2.66E-06	3.37E-02	2.93E-02	-1.00E+00	386870.2	3753732	11
343	GRID	3.70E-06	4.21E-02	2.99E-02	-1.00E+00	386870.2	3753752	11
344	GRID	4.73E-06	5.54E-02	3.09E-02	-1.00E+00	386870.2	3753772	11
345	GRID	4.92E-06	6.58E-02	3.14E-02	-1.00E+00	386870.2	3753792	11
346	GRID	4.11E-06	6.07E-02	2.96E-02	-1.00E+00	386870.2	3753812	11
347	GRID	2.86E-06	4.51E-02	2.84E-02	-1.00E+00	386870.2	3753832	11
348	GRID	1.83E-06	3.22E-02	2.74E-02	-1.00E+00	386870.2	3753852	11
349	GRID	1.24E-06	2.48E-02	2.58E-02	-1.00E+00	386870.2	3753872	11
350	GRID	9.07E-07	2.06E-02	2.46E-02	-1.00E+00	386870.2	3753892	11
351	GRID	7.01E-07	1.81E-02	2.36E-02	-1.00E+00	386870.2	3753912	11
352	GRID	5.60E-07	1.63E-02	2.21E-02	-1.00E+00	386870.2	3753932	11
353	GRID	4.62E-07	1.49E-02	2.07E-02	-1.00E+00	386870.2	3753952	11
354	GRID	3.91E-07	1.38E-02	1.93E-02	-1.00E+00	386870.2	3753972	11
355	GRID	2.99E-07	1.55E-02	1.74E-02	-1.00E+00	386890.2	3753572	11
356	GRID	3.55E-07	1.67E-02	1.84E-02	-1.00E+00	386890.2	3753592	11
357	GRID	4.35E-07	1.80E-02	1.95E-02	-1.00E+00	386890.2	3753612	11
358	GRID	5.53E-07	1.93E-02	2.08E-02	-1.00E+00	386890.2	3753632	11
359	GRID	7.23E-07	2.08E-02	2.20E-02	-1.00E+00	386890.2	3753652	11
360	GRID	9.73E-07	2.23E-02	2.31E-02	-1.00E+00	386890.2	3753672	11
361	GRID	1.32E-06	2.42E-02	2.41E-02	-1.00E+00	386890.2	3753692	11
362	GRID	1.79E-06	2.68E-02	2.56E-02	-1.00E+00	386890.2	3753712	11
363	GRID	2.46E-06	3.12E-02	2.62E-02	-1.00E+00	386890.2	3753732	11
364	GRID	3.31E-06	3.85E-02	2.70E-02	-1.00E+00	386890.2	3753752	11
365	GRID	4.13E-06	4.85E-02	2.85E-02	-1.00E+00	386890.2	3753772	11
366	GRID	4.41E-06	5.63E-02	2.82E-02	-1.00E+00	386890.2	3753792	11
367	GRID	3.89E-06	5.44E-02	2.72E-02	-1.00E+00	386890.2	3753812	11
368	GRID	2.89E-06	4.38E-02	2.64E-02	-1.00E+00	386890.2	3753832	11
369	GRID	1.94E-06	3.26E-02	2.57E-02	-1.00E+00	386890.2	3753852	11
370	GRID	1.31E-06	2.48E-02	2.44E-02	-1.00E+00	386890.2	3753872	11
371	GRID	9.38E-07	2.02E-02	2.33E-02	-1.00E+00	386890.2	3753892	11
372	GRID	7.13E-07	1.74E-02	2.20E-02	-1.00E+00	386890.2	3753912	11
373	GRID	5.65E-07	1.55E-02	2.13E-02	-1.00E+00	386890.2	3753932	11
374	GRID	4.59E-07	1.42E-02	1.99E-02	-1.00E+00	386890.2	3753952	11
375	GRID	3.83E-07	1.31E-02	1.87E-02	-1.00E+00	386890.2	3753972	11
376	GRID	2.88E-07	1.50E-02	1.69E-02	-1.00E+00	386910.2	3753572	11
377	GRID	3.47E-07	1.60E-02	1.78E-02	-1.00E+00	386910.2	3753592	11

Receptor	Type	Cancer	Chronic	Acute Simp	Acute Max	UTME	UTMN	ZONE
378	GRID	4.30E-07	1.71E-02	1.88E-02	-1.00E+00	386910.2	3753612	11
379	GRID	5.51E-07	1.82E-02	1.99E-02	-1.00E+00	386910.2	3753632	11
380	GRID	7.22E-07	1.93E-02	2.09E-02	-1.00E+00	386910.2	3753652	11
381	GRID	9.63E-07	2.07E-02	2.18E-02	-1.00E+00	386910.2	3753672	11
382	GRID	1.28E-06	2.24E-02	2.28E-02	-1.00E+00	386910.2	3753692	11
383	GRID	1.70E-06	2.50E-02	2.43E-02	-1.00E+00	386910.2	3753712	11
384	GRID	2.26E-06	2.91E-02	2.51E-02	-1.00E+00	386910.2	3753732	11
385	GRID	2.95E-06	3.53E-02	2.57E-02	-1.00E+00	386910.2	3753752	11
386	GRID	3.62E-06	4.31E-02	2.62E-02	-1.00E+00	386910.2	3753772	11
387	GRID	3.95E-06	4.91E-02	2.59E-02	-1.00E+00	386910.2	3753792	11
388	GRID	3.64E-06	4.88E-02	2.57E-02	-1.00E+00	386910.2	3753812	11
389	GRID	2.86E-06	4.17E-02	2.45E-02	-1.00E+00	386910.2	3753832	11
390	GRID	2.01E-06	3.25E-02	2.38E-02	-1.00E+00	386910.2	3753852	11
391	GRID	1.37E-06	2.51E-02	2.32E-02	-1.00E+00	386910.2	3753872	11
392	GRID	9.69E-07	2.01E-02	2.21E-02	-1.00E+00	386910.2	3753892	11
393	GRID	7.29E-07	1.70E-02	2.11E-02	-1.00E+00	386910.2	3753912	11
394	GRID	5.73E-07	1.50E-02	2.00E-02	-1.00E+00	386910.2	3753932	11
395	GRID	4.62E-07	1.36E-02	1.91E-02	-1.00E+00	386910.2	3753952	11
396	GRID	3.81E-07	1.25E-02	1.81E-02	-1.00E+00	386910.2	3753972	11
397	GRID	2.81E-07	1.44E-02	1.63E-02	-1.00E+00	386930.2	3753572	11
398	GRID	3.42E-07	1.52E-02	1.71E-02	-1.00E+00	386930.2	3753592	11
399	GRID	4.27E-07	1.61E-02	1.80E-02	-1.00E+00	386930.2	3753612	11
400	GRID	5.47E-07	1.70E-02	1.89E-02	-1.00E+00	386930.2	3753632	11
401	GRID	7.14E-07	1.80E-02	1.97E-02	-1.00E+00	386930.2	3753652	11
402	GRID	9.38E-07	1.93E-02	2.06E-02	-1.00E+00	386930.2	3753672	11
403	GRID	1.22E-06	2.09E-02	2.17E-02	-1.00E+00	386930.2	3753692	11
404	GRID	1.59E-06	2.35E-02	2.22E-02	-1.00E+00	386930.2	3753712	11
405	GRID	2.07E-06	2.72E-02	2.30E-02	-1.00E+00	386930.2	3753732	11
406	GRID	2.64E-06	3.25E-02	2.38E-02	-1.00E+00	386930.2	3753752	11
407	GRID	3.20E-06	3.87E-02	2.41E-02	-1.00E+00	386930.2	3753772	11
408	GRID	3.52E-06	4.35E-02	2.37E-02	-1.00E+00	386930.2	3753792	11
409	GRID	3.36E-06	4.39E-02	2.39E-02	-1.00E+00	386930.2	3753812	11
410	GRID	2.77E-06	3.92E-02	2.29E-02	-1.00E+00	386930.2	3753832	11
411	GRID	2.04E-06	3.20E-02	2.24E-02	-1.00E+00	386930.2	3753852	11
412	GRID	1.42E-06	2.52E-02	2.17E-02	-1.00E+00	386930.2	3753872	11
413	GRID	1.01E-06	2.02E-02	2.09E-02	-1.00E+00	386930.2	3753892	11
414	GRID	7.46E-07	1.69E-02	2.00E-02	-1.00E+00	386930.2	3753912	11
415	GRID	5.80E-07	1.47E-02	1.91E-02	-1.00E+00	386930.2	3753932	11
416	GRID	4.67E-07	1.32E-02	1.82E-02	-1.00E+00	386930.2	3753952	11
417	GRID	3.84E-07	1.20E-02	1.74E-02	-1.00E+00	386930.2	3753972	11
418	GRID	3.74E-08	1.52E-03	2.59E-03	-1.00E+00	385730.2	3752772	11
419	GRID	3.73E-08	1.56E-03	2.67E-03	-1.00E+00	385730.2	3752822	11
420	GRID	3.77E-08	1.61E-03	2.76E-03	-1.00E+00	385730.2	3752872	11
421	GRID	3.78E-08	1.66E-03	2.85E-03	-1.00E+00	385730.2	3752922	11
422	GRID	3.81E-08	1.70E-03	2.93E-03	-1.00E+00	385730.2	3752972	11
423	GRID	3.84E-08	1.75E-03	3.03E-03	-1.00E+00	385730.2	3753022	11
424	GRID	3.82E-08	1.79E-03	3.11E-03	-1.00E+00	385730.2	3753072	11
425	GRID	3.82E-08	1.84E-03	3.20E-03	-1.00E+00	385730.2	3753122	11
426	GRID	3.78E-08	1.88E-03	3.28E-03	-1.00E+00	385730.2	3753172	11
427	GRID	3.74E-08	1.92E-03	3.38E-03	-1.00E+00	385730.2	3753222	11
428	GRID	3.75E-08	1.96E-03	3.46E-03	-1.00E+00	385730.2	3753272	11
429	GRID	3.75E-08	2.00E-03	3.54E-03	-1.00E+00	385730.2	3753322	11
430	GRID	3.75E-08	2.03E-03	3.62E-03	-1.00E+00	385730.2	3753372	11
431	GRID	3.73E-08	2.06E-03	3.68E-03	-1.00E+00	385730.2	3753422	11
432	GRID	3.70E-08	2.09E-03	3.74E-03	-1.00E+00	385730.2	3753472	11
433	GRID	3.70E-08	2.11E-03	3.80E-03	-1.00E+00	385730.2	3753522	11
434	GRID	3.71E-08	2.12E-03	3.89E-03	-1.00E+00	385730.2	3753572	11
435	GRID	3.81E-08	2.14E-03	3.94E-03	-1.00E+00	385730.2	3753622	11
436	GRID	3.92E-08	2.14E-03	4.03E-03	-1.00E+00	385730.2	3753672	11
437	GRID	4.03E-08	2.13E-03	4.12E-03	-1.00E+00	385730.2	3753722	11
438	GRID	4.14E-08	2.12E-03	4.22E-03	-1.00E+00	385730.2	3753772	11
439	GRID	4.21E-08	2.11E-03	4.27E-03	-1.00E+00	385730.2	3753822	11
440	GRID	4.22E-08	2.12E-03	4.27E-03	-1.00E+00	385730.2	3753872	11
441	GRID	4.13E-08	2.07E-03	4.35E-03	-1.00E+00	385730.2	3753922	11
442	GRID	4.08E-08	2.05E-03	4.33E-03	-1.00E+00	385730.2	3753972	11
443	GRID	4.08E-08	2.03E-03	4.27E-03	-1.00E+00	385730.2	3754022	11
444	GRID	4.11E-08	2.00E-03	4.22E-03	-1.00E+00	385730.2	3754072	11
445	GRID	4.13E-08	1.93E-03	4.26E-03	-1.00E+00	385730.2	3754122	11
446	GRID	4.16E-08	1.88E-03	4.19E-03	-1.00E+00	385730.2	3754172	11
447	GRID	4.14E-08	1.83E-03	4.10E-03	-1.00E+00	385730.2	3754222	11
448	GRID	4.03E-08	1.74E-03	4.12E-03	-1.00E+00	385730.2	3754272	11
449	GRID	3.94E-08	1.67E-03	4.04E-03	-1.00E+00	385730.2	3754322	11
450	GRID	3.78E-08	1.54E-03	4.10E-03	-1.00E+00	385730.2	3754372	11
451	GRID	3.70E-08	1.45E-03	4.06E-03	-1.00E+00	385730.2	3754422	11
452	GRID	3.68E-08	1.38E-03	4.19E-03	-1.00E+00	385730.2	3754472	11
453	GRID	3.74E-08	1.33E-03	4.09E-03	-1.00E+00	385730.2	3754522	11
454	GRID	3.82E-08	1.30E-03	4.02E-03	-1.00E+00	385730.2	3754572	11
455	GRID	3.91E-08	1.27E-03	3.92E-03	-1.00E+00	385730.2	3754622	11
456	GRID	4.00E-08	1.25E-03	3.75E-03	-1.00E+00	385730.2	3754672	11
457	GRID	4.10E-08	1.24E-03	3.52E-03	-1.00E+00	385730.2	3754722	11
458	GRID	4.16E-08	1.21E-03	3.42E-03	-1.00E+00	385730.2	3754772	11
459	GRID	3.78E-08	1.59E-03	2.68E-03	-1.00E+00	385780.2	3752772	11
460	GRID	3.79E-08	1.63E-03	2.76E-03	-1.00E+00	385780.2	3752822	11
461	GRID	3.79E-08	1.68E-03	2.85E-03	-1.00E+00	385780.2	3752872	11
462	GRID	3.84E-08	1.74E-03	2.95E-03	-1.00E+00	385780.2	3752922	11
463	GRID	3.85E-08	1.79E-03	3.05E-03	-1.00E+00	385780.2	3752972	11
464	GRID	3.90E-08	1.84E-03	3.15E-03	-1.00E+00	385780.2	3753022	11
465	GRID	3.90E-08	1.89E-03	3.24E-03	-1.00E+00	385780.2	3753072	11
466	GRID	3.90E-08	1.94E-03	3.33E-03	-1.00E+00	385780.2	3753122	11
467	GRID	3.88E-08	1.99E-03	3.43E-03	-1.00E+00	385780.2	3753172	11
468	GRID	3.84E-08	2.03E-03	3.52E-03	-1.00E+00	385780.2	3753222	11
469	GRID	3.82E-08	2.07E-03	3.63E-03	-1.00E+00	385780.2	3753272	11
470	GRID	3.84E-08	2.12E-03	3.72E-03	-1.00E+00	385780.2	3753322	11
471	GRID	3.85E-08	2.16E-03	3.81E-03	-1.00E+00	385780.2	3753372	11
472	GRID	3.84E-08	2.20E-03	3.88E-03	-1.00E+00	385780.2	3753422	11
473	GRID	3.82E-08	2.23E-03	3.95E-03	-1.00E+00	385780.2	3753472	11
474	GRID	3.81E-08	2.25E-03	4.02E-03	-1.00E+00	385780.2	3753522	11

Receptor	Type	Cancer	Chronic	Acute Simp	Acute Max	UTME	UTMN	ZONE
475	GRID	3.86E-08	2.28E-03	4.08E-03	-1.00E+00	385780.2	3753572	11
476	GRID	3.92E-08	2.28E-03	4.17E-03	-1.00E+00	385780.2	3753622	11
477	GRID	4.06E-08	2.31E-03	4.20E-03	-1.00E+00	385780.2	3753672	11
478	GRID	4.15E-08	2.28E-03	4.38E-03	-1.00E+00	385780.2	3753722	11
479	GRID	4.30E-08	2.30E-03	4.39E-03	-1.00E+00	385780.2	3753772	11
480	GRID	4.35E-08	2.26E-03	4.53E-03	-1.00E+00	385780.2	3753822	11
481	GRID	4.35E-08	2.27E-03	4.53E-03	-1.00E+00	385780.2	3753872	11
482	GRID	4.30E-08	2.26E-03	4.48E-03	-1.00E+00	385780.2	3753922	11
483	GRID	4.21E-08	2.19E-03	4.56E-03	-1.00E+00	385780.2	3753972	11
484	GRID	4.21E-08	2.16E-03	4.51E-03	-1.00E+00	385780.2	3754022	11
485	GRID	4.25E-08	2.13E-03	4.45E-03	-1.00E+00	385780.2	3754072	11
486	GRID	4.30E-08	2.08E-03	4.37E-03	-1.00E+00	385780.2	3754122	11
487	GRID	4.27E-08	1.99E-03	4.40E-03	-1.00E+00	385780.2	3754172	11
488	GRID	4.22E-08	1.93E-03	4.31E-03	-1.00E+00	385780.2	3754222	11
489	GRID	4.14E-08	1.86E-03	4.21E-03	-1.00E+00	385780.2	3754272	11
490	GRID	4.00E-08	1.75E-03	4.21E-03	-1.00E+00	385780.2	3754322	11
491	GRID	3.86E-08	1.61E-03	4.26E-03	-1.00E+00	385780.2	3754372	11
492	GRID	3.78E-08	1.49E-03	4.44E-03	-1.00E+00	385780.2	3754422	11
493	GRID	3.83E-08	1.44E-03	4.33E-03	-1.00E+00	385780.2	3754472	11
494	GRID	3.93E-08	1.41E-03	4.17E-03	-1.00E+00	385780.2	3754522	11
495	GRID	4.05E-08	1.39E-03	3.90E-03	-1.00E+00	385780.2	3754572	11
496	GRID	4.15E-08	1.36E-03	3.79E-03	-1.00E+00	385780.2	3754622	11
497	GRID	4.23E-08	1.33E-03	3.69E-03	-1.00E+00	385780.2	3754672	11
498	GRID	4.30E-08	1.30E-03	3.60E-03	-1.00E+00	385780.2	3754722	11
499	GRID	4.36E-08	1.26E-03	3.47E-03	-1.00E+00	385780.2	3754772	11
500	GRID	3.81E-08	1.65E-03	2.76E-03	-1.00E+00	385830.2	3752772	11
501	GRID	3.84E-08	1.71E-03	2.85E-03	-1.00E+00	385830.2	3752822	11
502	GRID	3.85E-08	1.76E-03	2.95E-03	-1.00E+00	385830.2	3752872	11
503	GRID	3.86E-08	1.81E-03	3.05E-03	-1.00E+00	385830.2	3752922	11
504	GRID	3.91E-08	1.88E-03	3.15E-03	-1.00E+00	385830.2	3752972	11
505	GRID	3.93E-08	1.93E-03	3.27E-03	-1.00E+00	385830.2	3753022	11
506	GRID	3.99E-08	1.99E-03	3.38E-03	-1.00E+00	385830.2	3753072	11
507	GRID	3.98E-08	2.05E-03	3.47E-03	-1.00E+00	385830.2	3753122	11
508	GRID	4.00E-08	2.11E-03	3.59E-03	-1.00E+00	385830.2	3753172	11
509	GRID	3.96E-08	2.16E-03	3.71E-03	-1.00E+00	385830.2	3753222	11
510	GRID	3.93E-08	2.20E-03	3.80E-03	-1.00E+00	385830.2	3753272	11
511	GRID	3.95E-08	2.26E-03	3.91E-03	-1.00E+00	385830.2	3753322	11
512	GRID	3.96E-08	2.31E-03	4.00E-03	-1.00E+00	385830.2	3753372	11
513	GRID	3.96E-08	2.35E-03	4.10E-03	-1.00E+00	385830.2	3753422	11
514	GRID	3.96E-08	2.38E-03	4.18E-03	-1.00E+00	385830.2	3753472	11
515	GRID	3.95E-08	2.41E-03	4.26E-03	-1.00E+00	385830.2	3753522	11
516	GRID	4.00E-08	2.44E-03	4.33E-03	-1.00E+00	385830.2	3753572	11
517	GRID	4.10E-08	2.47E-03	4.38E-03	-1.00E+00	385830.2	3753622	11
518	GRID	4.20E-08	2.48E-03	4.46E-03	-1.00E+00	385830.2	3753672	11
519	GRID	4.35E-08	2.50E-03	4.52E-03	-1.00E+00	385830.2	3753722	11
520	GRID	4.46E-08	2.47E-03	4.67E-03	-1.00E+00	385830.2	3753772	11
521	GRID	4.52E-08	2.42E-03	4.81E-03	-1.00E+00	385830.2	3753822	11
522	GRID	4.52E-08	2.43E-03	4.81E-03	-1.00E+00	385830.2	3753872	11
523	GRID	4.42E-08	2.37E-03	4.89E-03	-1.00E+00	385830.2	3753922	11
524	GRID	4.38E-08	2.34E-03	4.85E-03	-1.00E+00	385830.2	3753972	11
525	GRID	4.38E-08	2.31E-03	4.78E-03	-1.00E+00	385830.2	3754022	11
526	GRID	4.41E-08	2.27E-03	4.71E-03	-1.00E+00	385830.2	3754072	11
527	GRID	4.44E-08	2.22E-03	4.63E-03	-1.00E+00	385830.2	3754122	11
528	GRID	4.38E-08	2.11E-03	4.64E-03	-1.00E+00	385830.2	3754172	11
529	GRID	4.31E-08	2.04E-03	4.53E-03	-1.00E+00	385830.2	3754222	11
530	GRID	4.21E-08	1.96E-03	4.44E-03	-1.00E+00	385830.2	3754272	11
531	GRID	4.13E-08	1.88E-03	4.30E-03	-1.00E+00	385830.2	3754322	11
532	GRID	4.06E-08	1.77E-03	4.29E-03	-1.00E+00	385830.2	3754372	11
533	GRID	4.02E-08	1.63E-03	4.34E-03	-1.00E+00	385830.2	3754422	11
534	GRID	4.10E-08	1.57E-03	4.23E-03	-1.00E+00	385830.2	3754472	11
535	GRID	4.20E-08	1.53E-03	4.10E-03	-1.00E+00	385830.2	3754522	11
536	GRID	4.31E-08	1.49E-03	3.97E-03	-1.00E+00	385830.2	3754572	11
537	GRID	4.42E-08	1.46E-03	3.82E-03	-1.00E+00	385830.2	3754622	11
538	GRID	4.49E-08	1.42E-03	3.72E-03	-1.00E+00	385830.2	3754672	11
539	GRID	4.54E-08	1.38E-03	3.61E-03	-1.00E+00	385830.2	3754722	11
540	GRID	4.58E-08	1.33E-03	3.50E-03	-1.00E+00	385830.2	3754772	11
541	GRID	3.78E-08	1.71E-03	2.84E-03	-1.00E+00	385880.2	3752772	11
542	GRID	3.86E-08	1.78E-03	2.95E-03	-1.00E+00	385880.2	3752822	11
543	GRID	3.90E-08	1.84E-03	3.05E-03	-1.00E+00	385880.2	3752872	11
544	GRID	3.92E-08	1.90E-03	3.16E-03	-1.00E+00	385880.2	3752922	11
545	GRID	3.97E-08	1.97E-03	3.28E-03	-1.00E+00	385880.2	3752972	11
546	GRID	4.00E-08	2.04E-03	3.38E-03	-1.00E+00	385880.2	3753022	11
547	GRID	4.05E-08	2.10E-03	3.51E-03	-1.00E+00	385880.2	3753072	11
548	GRID	4.08E-08	2.17E-03	3.63E-03	-1.00E+00	385880.2	3753122	11
549	GRID	4.08E-08	2.23E-03	3.74E-03	-1.00E+00	385880.2	3753172	11
550	GRID	4.10E-08	2.29E-03	3.88E-03	-1.00E+00	385880.2	3753222	11
551	GRID	4.06E-08	2.35E-03	3.99E-03	-1.00E+00	385880.2	3753272	11
552	GRID	4.04E-08	2.40E-03	4.12E-03	-1.00E+00	385880.2	3753322	11
553	GRID	4.08E-08	2.47E-03	4.23E-03	-1.00E+00	385880.2	3753372	11
554	GRID	4.11E-08	2.51E-03	4.35E-03	-1.00E+00	385880.2	3753422	11
555	GRID	4.12E-08	2.55E-03	4.44E-03	-1.00E+00	385880.2	3753472	11
556	GRID	4.13E-08	2.59E-03	4.53E-03	-1.00E+00	385880.2	3753522	11
557	GRID	4.18E-08	2.62E-03	4.61E-03	-1.00E+00	385880.2	3753572	11
558	GRID	4.28E-08	2.65E-03	4.66E-03	-1.00E+00	385880.2	3753622	11
559	GRID	4.42E-08	2.69E-03	4.70E-03	-1.00E+00	385880.2	3753672	11
560	GRID	4.56E-08	2.70E-03	4.80E-03	-1.00E+00	385880.2	3753722	11
561	GRID	4.68E-08	2.66E-03	4.98E-03	-1.00E+00	385880.2	3753772	11
562	GRID	4.74E-08	2.61E-03	5.12E-03	-1.00E+00	385880.2	3753822	11
563	GRID	4.74E-08	2.62E-03	5.11E-03	-1.00E+00	385880.2	3753872	11
564	GRID	4.63E-08	2.54E-03	5.21E-03	-1.00E+00	385880.2	3753922	11
565	GRID	4.58E-08	2.51E-03	5.16E-03	-1.00E+00	385880.2	3753972	11
566	GRID	4.57E-08	2.46E-03	5.11E-03	-1.00E+00	385880.2	3754022	11
567	GRID	4.56E-08	2.37E-03	5.11E-03	-1.00E+00	385880.2	3754072	11
568	GRID	4.56E-08	2.31E-03	5.01E-03	-1.00E+00	385880.2	3754122	11
569	GRID	4.51E-08	2.24E-03	4.89E-03	-1.00E+00	385880.2	3754172	11
570	GRID	4.41E-08	2.15E-03	4.78E-03	-1.00E+00	385880.2	3754222	11
571	GRID	4.30E-08	2.06E-03	4.64E-03	-1.00E+00	385880.2	3754272	11

Receptor	Type	Cancer	Chronic	Acute Simp	Acute Max	UTME	UTMN	ZONE
572	GRID	4.25E-08	1.98E-03	4.52E-03	-1.00E+00	385880.2	3754322	11
573	GRID	4.27E-08	1.90E-03	4.39E-03	-1.00E+00	385880.2	3754372	11
574	GRID	4.34E-08	1.83E-03	4.24E-03	-1.00E+00	385880.2	3754422	11
575	GRID	4.42E-08	1.74E-03	4.21E-03	-1.00E+00	385880.2	3754472	11
576	GRID	4.53E-08	1.68E-03	4.08E-03	-1.00E+00	385880.2	3754522	11
577	GRID	4.63E-08	1.63E-03	3.96E-03	-1.00E+00	385880.2	3754572	11
578	GRID	4.72E-08	1.58E-03	3.84E-03	-1.00E+00	385880.2	3754622	11
579	GRID	4.76E-08	1.51E-03	3.78E-03	-1.00E+00	385880.2	3754672	11
580	GRID	4.80E-08	1.46E-03	3.65E-03	-1.00E+00	385880.2	3754722	11
581	GRID	4.83E-08	1.41E-03	3.53E-03	-1.00E+00	385880.2	3754772	11
582	GRID	3.76E-08	1.78E-03	2.93E-03	-1.00E+00	385930.2	3752772	11
583	GRID	3.85E-08	1.86E-03	3.04E-03	-1.00E+00	385930.2	3752822	11
584	GRID	3.92E-08	1.93E-03	3.15E-03	-1.00E+00	385930.2	3752872	11
585	GRID	3.96E-08	2.00E-03	3.27E-03	-1.00E+00	385930.2	3752922	11
586	GRID	4.00E-08	2.07E-03	3.39E-03	-1.00E+00	385930.2	3752972	11
587	GRID	4.07E-08	2.15E-03	3.53E-03	-1.00E+00	385930.2	3753022	11
588	GRID	4.10E-08	2.22E-03	3.65E-03	-1.00E+00	385930.2	3753072	11
589	GRID	4.19E-08	2.30E-03	3.79E-03	-1.00E+00	385930.2	3753122	11
590	GRID	4.20E-08	2.37E-03	3.94E-03	-1.00E+00	385930.2	3753172	11
591	GRID	4.24E-08	2.45E-03	4.07E-03	-1.00E+00	385930.2	3753222	11
592	GRID	4.22E-08	2.51E-03	4.22E-03	-1.00E+00	385930.2	3753272	11
593	GRID	4.19E-08	2.57E-03	4.33E-03	-1.00E+00	385930.2	3753322	11
594	GRID	4.20E-08	2.63E-03	4.46E-03	-1.00E+00	385930.2	3753372	11
595	GRID	4.27E-08	2.70E-03	4.60E-03	-1.00E+00	385930.2	3753422	11
596	GRID	4.31E-08	2.75E-03	4.71E-03	-1.00E+00	385930.2	3753472	11
597	GRID	4.35E-08	2.79E-03	4.82E-03	-1.00E+00	385930.2	3753522	11
598	GRID	4.41E-08	2.83E-03	4.91E-03	-1.00E+00	385930.2	3753572	11
599	GRID	4.52E-08	2.86E-03	4.98E-03	-1.00E+00	385930.2	3753622	11
600	GRID	4.69E-08	2.90E-03	5.03E-03	-1.00E+00	385930.2	3753672	11
601	GRID	4.82E-08	2.91E-03	5.13E-03	-1.00E+00	385930.2	3753722	11
602	GRID	4.97E-08	2.88E-03	5.31E-03	-1.00E+00	385930.2	3753772	11
603	GRID	5.04E-08	2.82E-03	5.47E-03	-1.00E+00	385930.2	3753822	11
604	GRID	4.99E-08	2.76E-03	5.62E-03	-1.00E+00	385930.2	3753872	11
605	GRID	4.91E-08	2.74E-03	5.56E-03	-1.00E+00	385930.2	3753922	11
606	GRID	4.80E-08	2.65E-03	5.63E-03	-1.00E+00	385930.2	3753972	11
607	GRID	4.79E-08	2.60E-03	5.53E-03	-1.00E+00	385930.2	3754022	11
608	GRID	4.78E-08	2.54E-03	5.43E-03	-1.00E+00	385930.2	3754072	11
609	GRID	4.74E-08	2.47E-03	5.30E-03	-1.00E+00	385930.2	3754122	11
610	GRID	4.67E-08	2.40E-03	5.10E-03	-1.00E+00	385930.2	3754172	11
611	GRID	4.52E-08	2.28E-03	5.04E-03	-1.00E+00	385930.2	3754222	11
612	GRID	4.48E-08	2.23E-03	4.78E-03	-1.00E+00	385930.2	3754272	11
613	GRID	4.47E-08	2.14E-03	4.62E-03	-1.00E+00	385930.2	3754322	11
614	GRID	4.54E-08	2.06E-03	4.46E-03	-1.00E+00	385930.2	3754372	11
615	GRID	4.60E-08	1.94E-03	4.45E-03	-1.00E+00	385930.2	3754422	11
616	GRID	4.73E-08	1.87E-03	4.30E-03	-1.00E+00	385930.2	3754472	11
617	GRID	4.85E-08	1.82E-03	4.15E-03	-1.00E+00	385930.2	3754522	11
618	GRID	4.95E-08	1.76E-03	4.01E-03	-1.00E+00	385930.2	3754572	11
619	GRID	4.99E-08	1.66E-03	3.96E-03	-1.00E+00	385930.2	3754622	11
620	GRID	5.04E-08	1.61E-03	3.82E-03	-1.00E+00	385930.2	3754672	11
621	GRID	5.04E-08	1.53E-03	3.76E-03	-1.00E+00	385930.2	3754722	11
622	GRID	5.04E-08	1.46E-03	3.64E-03	-1.00E+00	385930.2	3754772	11
623	GRID	3.73E-08	1.84E-03	3.01E-03	-1.00E+00	385980.2	3752772	11
624	GRID	3.81E-08	1.92E-03	3.13E-03	-1.00E+00	385980.2	3752822	11
625	GRID	3.92E-08	2.01E-03	3.26E-03	-1.00E+00	385980.2	3752872	11
626	GRID	3.99E-08	2.09E-03	3.38E-03	-1.00E+00	385980.2	3752922	11
627	GRID	4.05E-08	2.17E-03	3.52E-03	-1.00E+00	385980.2	3752972	11
628	GRID	4.14E-08	2.27E-03	3.66E-03	-1.00E+00	385980.2	3753022	11
629	GRID	4.19E-08	2.35E-03	3.81E-03	-1.00E+00	385980.2	3753072	11
630	GRID	4.28E-08	2.44E-03	3.96E-03	-1.00E+00	385980.2	3753122	11
631	GRID	4.33E-08	2.52E-03	4.11E-03	-1.00E+00	385980.2	3753172	11
632	GRID	4.38E-08	2.60E-03	4.27E-03	-1.00E+00	385980.2	3753222	11
633	GRID	4.40E-08	2.69E-03	4.43E-03	-1.00E+00	385980.2	3753272	11
634	GRID	4.38E-08	2.76E-03	4.58E-03	-1.00E+00	385980.2	3753322	11
635	GRID	4.39E-08	2.82E-03	4.74E-03	-1.00E+00	385980.2	3753372	11
636	GRID	4.45E-08	2.89E-03	4.87E-03	-1.00E+00	385980.2	3753422	11
637	GRID	4.54E-08	2.97E-03	5.03E-03	-1.00E+00	385980.2	3753472	11
638	GRID	4.63E-08	3.02E-03	5.14E-03	-1.00E+00	385980.2	3753522	11
639	GRID	4.72E-08	3.06E-03	5.25E-03	-1.00E+00	385980.2	3753572	11
640	GRID	4.85E-08	3.10E-03	5.33E-03	-1.00E+00	385980.2	3753622	11
641	GRID	5.03E-08	3.15E-03	5.41E-03	-1.00E+00	385980.2	3753672	11
642	GRID	5.22E-08	3.19E-03	5.44E-03	-1.00E+00	385980.2	3753722	11
643	GRID	5.38E-08	3.15E-03	5.64E-03	-1.00E+00	385980.2	3753772	11
644	GRID	5.46E-08	3.06E-03	5.87E-03	-1.00E+00	385980.2	3753822	11
645	GRID	5.39E-08	2.98E-03	6.02E-03	-1.00E+00	385980.2	3753872	11
646	GRID	5.25E-08	2.90E-03	6.10E-03	-1.00E+00	385980.2	3753922	11
647	GRID	5.15E-08	2.86E-03	6.00E-03	-1.00E+00	385980.2	3753972	11
648	GRID	5.16E-08	2.88E-03	5.70E-03	-1.00E+00	385980.2	3754022	11
649	GRID	5.18E-08	2.90E-03	5.37E-03	-1.00E+00	385980.2	3754072	11
650	GRID	5.04E-08	2.75E-03	5.36E-03	-1.00E+00	385980.2	3754122	11
651	GRID	4.84E-08	2.58E-03	5.36E-03	-1.00E+00	385980.2	3754172	11
652	GRID	4.71E-08	2.47E-03	5.20E-03	-1.00E+00	385980.2	3754222	11
653	GRID	4.66E-08	2.36E-03	5.03E-03	-1.00E+00	385980.2	3754272	11
654	GRID	4.71E-08	2.26E-03	4.87E-03	-1.00E+00	385980.2	3754322	11
655	GRID	4.82E-08	2.17E-03	4.70E-03	-1.00E+00	385980.2	3754372	11
656	GRID	4.95E-08	2.10E-03	4.53E-03	-1.00E+00	385980.2	3754422	11
657	GRID	5.08E-08	2.02E-03	4.38E-03	-1.00E+00	385980.2	3754472	11
658	GRID	5.16E-08	1.92E-03	4.32E-03	-1.00E+00	385980.2	3754522	11
659	GRID	5.25E-08	1.85E-03	4.16E-03	-1.00E+00	385980.2	3754572	11
660	GRID	5.28E-08	1.76E-03	4.06E-03	-1.00E+00	385980.2	3754622	11
661	GRID	5.30E-08	1.68E-03	3.96E-03	-1.00E+00	385980.2	3754672	11
662	GRID	5.31E-08	1.61E-03	3.81E-03	-1.00E+00	385980.2	3754722	11
663	GRID	5.30E-08	1.53E-03	3.71E-03	-1.00E+00	385980.2	3754772	11
664	GRID	3.69E-08	1.90E-03	3.10E-03	-1.00E+00	386030.2	3752772	11
665	GRID	3.77E-08	1.99E-03	3.22E-03	-1.00E+00	386030.2	3752822	11
666	GRID	3.89E-08	2.10E-03	3.36E-03	-1.00E+00	386030.2	3752872	11
667	GRID	3.99E-08	2.19E-03	3.50E-03	-1.00E+00	386030.2	3752922	11
668	GRID	4.08E-08	2.28E-03	3.65E-03	-1.00E+00	386030.2	3752972	11

Receptor	Type	Cancer	Chronic	Acute Simp	Acute Max	UTME	UTMN	ZONE
669	GRID	4.18E-08	2.38E-03	3.81E-03	-1.00E+00	386030.2	3753022	11
670	GRID	4.27E-08	2.48E-03	3.96E-03	-1.00E+00	386030.2	3753072	11
671	GRID	4.36E-08	2.58E-03	4.14E-03	-1.00E+00	386030.2	3753122	11
672	GRID	4.46E-08	2.68E-03	4.32E-03	-1.00E+00	386030.2	3753172	11
673	GRID	4.52E-08	2.77E-03	4.50E-03	-1.00E+00	386030.2	3753222	11
674	GRID	4.61E-08	2.88E-03	4.67E-03	-1.00E+00	386030.2	3753272	11
675	GRID	4.61E-08	2.96E-03	4.85E-03	-1.00E+00	386030.2	3753322	11
676	GRID	4.62E-08	3.04E-03	5.02E-03	-1.00E+00	386030.2	3753372	11
677	GRID	4.70E-08	3.13E-03	5.20E-03	-1.00E+00	386030.2	3753422	11
678	GRID	4.83E-08	3.21E-03	5.37E-03	-1.00E+00	386030.2	3753472	11
679	GRID	4.97E-08	3.27E-03	5.50E-03	-1.00E+00	386030.2	3753522	11
680	GRID	5.13E-08	3.33E-03	5.65E-03	-1.00E+00	386030.2	3753572	11
681	GRID	5.30E-08	3.37E-03	5.74E-03	-1.00E+00	386030.2	3753622	11
682	GRID	5.50E-08	3.42E-03	5.82E-03	-1.00E+00	386030.2	3753672	11
683	GRID	5.74E-08	3.47E-03	5.87E-03	-1.00E+00	386030.2	3753722	11
684	GRID	5.91E-08	3.37E-03	6.19E-03	-1.00E+00	386030.2	3753772	11
685	GRID	5.98E-08	3.19E-03	6.58E-03	-1.00E+00	386030.2	3753822	11
686	GRID	5.92E-08	3.17E-03	6.59E-03	-1.00E+00	386030.2	3753872	11
687	GRID	5.98E-08	3.46E-03	5.89E-03	-1.00E+00	386030.2	3753922	11
688	GRID	5.90E-08	3.44E-03	5.69E-03	-1.00E+00	386030.2	3753972	11
689	GRID	5.73E-08	3.32E-03	5.64E-03	-1.00E+00	386030.2	3754022	11
690	GRID	5.52E-08	3.14E-03	5.70E-03	-1.00E+00	386030.2	3754072	11
691	GRID	5.28E-08	2.95E-03	5.70E-03	-1.00E+00	386030.2	3754122	11
692	GRID	5.08E-08	2.81E-03	5.56E-03	-1.00E+00	386030.2	3754172	11
693	GRID	4.92E-08	2.63E-03	5.48E-03	-1.00E+00	386030.2	3754222	11
694	GRID	4.94E-08	2.52E-03	5.28E-03	-1.00E+00	386030.2	3754272	11
695	GRID	5.07E-08	2.46E-03	5.00E-03	-1.00E+00	386030.2	3754322	11
696	GRID	5.17E-08	2.31E-03	4.93E-03	-1.00E+00	386030.2	3754372	11
697	GRID	5.31E-08	2.23E-03	4.74E-03	-1.00E+00	386030.2	3754422	11
698	GRID	5.44E-08	2.15E-03	4.56E-03	-1.00E+00	386030.2	3754472	11
699	GRID	5.52E-08	2.05E-03	4.43E-03	-1.00E+00	386030.2	3754522	11
700	GRID	5.56E-08	1.94E-03	4.31E-03	-1.00E+00	386030.2	3754572	11
701	GRID	5.60E-08	1.86E-03	4.15E-03	-1.00E+00	386030.2	3754622	11
702	GRID	5.57E-08	1.75E-03	4.09E-03	-1.00E+00	386030.2	3754672	11
703	GRID	5.58E-08	1.67E-03	3.93E-03	-1.00E+00	386030.2	3754722	11
704	GRID	5.59E-08	1.60E-03	3.79E-03	-1.00E+00	386030.2	3754772	11
705	GRID	3.66E-08	1.96E-03	3.19E-03	-1.00E+00	386080.2	3752772	11
706	GRID	3.73E-08	2.06E-03	3.32E-03	-1.00E+00	386080.2	3752822	11
707	GRID	3.82E-08	2.17E-03	3.46E-03	-1.00E+00	386080.2	3752872	11
708	GRID	3.96E-08	2.29E-03	3.62E-03	-1.00E+00	386080.2	3752922	11
709	GRID	4.07E-08	2.39E-03	3.78E-03	-1.00E+00	386080.2	3752972	11
710	GRID	4.19E-08	2.50E-03	3.95E-03	-1.00E+00	386080.2	3753022	11
711	GRID	4.34E-08	2.63E-03	4.14E-03	-1.00E+00	386080.2	3753072	11
712	GRID	4.44E-08	2.74E-03	4.31E-03	-1.00E+00	386080.2	3753122	11
713	GRID	4.60E-08	2.86E-03	4.52E-03	-1.00E+00	386080.2	3753172	11
714	GRID	4.74E-08	2.99E-03	4.75E-03	-1.00E+00	386080.2	3753222	11
715	GRID	4.84E-08	3.10E-03	4.95E-03	-1.00E+00	386080.2	3753272	11
716	GRID	4.92E-08	3.21E-03	5.15E-03	-1.00E+00	386080.2	3753322	11
717	GRID	4.95E-08	3.32E-03	5.38E-03	-1.00E+00	386080.2	3753372	11
718	GRID	5.02E-08	3.41E-03	5.57E-03	-1.00E+00	386080.2	3753422	11
719	GRID	5.18E-08	3.49E-03	5.74E-03	-1.00E+00	386080.2	3753472	11
720	GRID	5.41E-08	3.57E-03	5.91E-03	-1.00E+00	386080.2	3753522	11
721	GRID	5.68E-08	3.63E-03	6.07E-03	-1.00E+00	386080.2	3753572	11
722	GRID	5.93E-08	3.69E-03	6.21E-03	-1.00E+00	386080.2	3753622	11
723	GRID	6.17E-08	3.74E-03	6.29E-03	-1.00E+00	386080.2	3753672	11
724	GRID	6.47E-08	3.80E-03	6.36E-03	-1.00E+00	386080.2	3753722	11
725	GRID	6.83E-08	3.86E-03	6.39E-03	-1.00E+00	386080.2	3753772	11
726	GRID	7.07E-08	3.89E-03	6.38E-03	-1.00E+00	386080.2	3753822	11
727	GRID	7.01E-08	3.87E-03	6.33E-03	-1.00E+00	386080.2	3753872	11
728	GRID	6.79E-08	3.82E-03	6.25E-03	-1.00E+00	386080.2	3753922	11
729	GRID	6.57E-08	3.74E-03	6.14E-03	-1.00E+00	386080.2	3753972	11
730	GRID	6.27E-08	3.61E-03	6.07E-03	-1.00E+00	386080.2	3754022	11
731	GRID	5.93E-08	3.39E-03	6.09E-03	-1.00E+00	386080.2	3754072	11
732	GRID	5.64E-08	3.25E-03	5.92E-03	-1.00E+00	386080.2	3754122	11
733	GRID	5.35E-08	3.01E-03	5.89E-03	-1.00E+00	386080.2	3754172	11
734	GRID	5.28E-08	2.87E-03	5.68E-03	-1.00E+00	386080.2	3754222	11
735	GRID	5.34E-08	2.74E-03	5.45E-03	-1.00E+00	386080.2	3754272	11
736	GRID	5.48E-08	2.63E-03	5.25E-03	-1.00E+00	386080.2	3754322	11
737	GRID	5.63E-08	2.52E-03	5.04E-03	-1.00E+00	386080.2	3754372	11
738	GRID	5.71E-08	2.36E-03	4.96E-03	-1.00E+00	386080.2	3754422	11
739	GRID	5.83E-08	2.27E-03	4.76E-03	-1.00E+00	386080.2	3754472	11
740	GRID	5.90E-08	2.17E-03	4.57E-03	-1.00E+00	386080.2	3754522	11
741	GRID	5.89E-08	2.04E-03	4.48E-03	-1.00E+00	386080.2	3754572	11
742	GRID	5.91E-08	1.94E-03	4.30E-03	-1.00E+00	386080.2	3754622	11
743	GRID	5.90E-08	1.84E-03	4.18E-03	-1.00E+00	386080.2	3754672	11
744	GRID	5.88E-08	1.74E-03	4.05E-03	-1.00E+00	386080.2	3754722	11
745	GRID	5.89E-08	1.66E-03	3.90E-03	-1.00E+00	386080.2	3754772	11
746	GRID	3.63E-08	2.02E-03	3.28E-03	-1.00E+00	386130.2	3752772	11
747	GRID	3.70E-08	2.13E-03	3.43E-03	-1.00E+00	386130.2	3752822	11
748	GRID	3.79E-08	2.24E-03	3.58E-03	-1.00E+00	386130.2	3752872	11
749	GRID	3.93E-08	2.38E-03	3.75E-03	-1.00E+00	386130.2	3752922	11
750	GRID	4.05E-08	2.50E-03	3.91E-03	-1.00E+00	386130.2	3752972	11
751	GRID	4.19E-08	2.63E-03	4.11E-03	-1.00E+00	386130.2	3753022	11
752	GRID	4.38E-08	2.78E-03	4.32E-03	-1.00E+00	386130.2	3753072	11
753	GRID	4.53E-08	2.91E-03	4.53E-03	-1.00E+00	386130.2	3753122	11
754	GRID	4.73E-08	3.06E-03	4.74E-03	-1.00E+00	386130.2	3753172	11
755	GRID	4.93E-08	3.21E-03	4.99E-03	-1.00E+00	386130.2	3753222	11
756	GRID	5.09E-08	3.33E-03	5.22E-03	-1.00E+00	386130.2	3753272	11
757	GRID	5.25E-08	3.48E-03	5.49E-03	-1.00E+00	386130.2	3753322	11
758	GRID	5.33E-08	3.60E-03	5.71E-03	-1.00E+00	386130.2	3753372	11
759	GRID	5.42E-08	3.71E-03	5.94E-03	-1.00E+00	386130.2	3753422	11
760	GRID	5.62E-08	3.81E-03	6.17E-03	-1.00E+00	386130.2	3753472	11
761	GRID	5.98E-08	3.90E-03	6.39E-03	-1.00E+00	386130.2	3753522	11
762	GRID	6.43E-08	3.98E-03	6.55E-03	-1.00E+00	386130.2	3753572	11
763	GRID	6.82E-08	4.05E-03	6.71E-03	-1.00E+00	386130.2	3753622	11
764	GRID	7.13E-08	4.11E-03	6.83E-03	-1.00E+00	386130.2	3753672	11
765	GRID	7.53E-08	4.18E-03	6.90E-03	-1.00E+00	386130.2	3753722	11

Receptor	Type	Cancer	Chronic	Acute Simp	Acute Max	UTME	UTMN	ZONE
766	GRID	8.03E-08	4.25E-03	6.94E-03	-1.00E+00	386130.2	3753772	11
767	GRID	8.34E-08	4.28E-03	6.93E-03	-1.00E+00	386130.2	3753822	11
768	GRID	8.20E-08	4.26E-03	6.87E-03	-1.00E+00	386130.2	3753872	11
769	GRID	7.87E-08	4.20E-03	6.79E-03	-1.00E+00	386130.2	3753922	11
770	GRID	7.45E-08	4.10E-03	6.64E-03	-1.00E+00	386130.2	3753972	11
771	GRID	6.95E-08	3.93E-03	6.56E-03	-1.00E+00	386130.2	3754022	11
772	GRID	6.50E-08	3.77E-03	6.35E-03	-1.00E+00	386130.2	3754072	11
773	GRID	6.01E-08	3.49E-03	6.34E-03	-1.00E+00	386130.2	3754122	11
774	GRID	5.76E-08	3.28E-03	6.18E-03	-1.00E+00	386130.2	3754172	11
775	GRID	5.71E-08	3.07E-03	6.03E-03	-1.00E+00	386130.2	3754222	11
776	GRID	5.82E-08	2.93E-03	5.80E-03	-1.00E+00	386130.2	3754272	11
777	GRID	5.97E-08	2.81E-03	5.53E-03	-1.00E+00	386130.2	3754322	11
778	GRID	6.11E-08	2.69E-03	5.29E-03	-1.00E+00	386130.2	3754372	11
779	GRID	6.21E-08	2.56E-03	5.07E-03	-1.00E+00	386130.2	3754422	11
780	GRID	6.24E-08	2.40E-03	4.97E-03	-1.00E+00	386130.2	3754472	11
781	GRID	6.29E-08	2.29E-03	4.75E-03	-1.00E+00	386130.2	3754522	11
782	GRID	6.26E-08	2.14E-03	4.64E-03	-1.00E+00	386130.2	3754572	11
783	GRID	6.26E-08	2.03E-03	4.45E-03	-1.00E+00	386130.2	3754622	11
784	GRID	6.27E-08	1.94E-03	4.27E-03	-1.00E+00	386130.2	3754672	11
785	GRID	6.22E-08	1.81E-03	4.16E-03	-1.00E+00	386130.2	3754722	11
786	GRID	6.20E-08	1.73E-03	3.99E-03	-1.00E+00	386130.2	3754772	11
787	GRID	3.62E-08	2.07E-03	3.37E-03	-1.00E+00	386180.2	3752772	11
788	GRID	3.68E-08	2.19E-03	3.53E-03	-1.00E+00	386180.2	3752822	11
789	GRID	3.76E-08	2.31E-03	3.69E-03	-1.00E+00	386180.2	3752872	11
790	GRID	3.89E-08	2.46E-03	3.88E-03	-1.00E+00	386180.2	3752922	11
791	GRID	4.02E-08	2.61E-03	4.06E-03	-1.00E+00	386180.2	3752972	11
792	GRID	4.18E-08	2.75E-03	4.26E-03	-1.00E+00	386180.2	3753022	11
793	GRID	4.37E-08	2.92E-03	4.50E-03	-1.00E+00	386180.2	3753072	11
794	GRID	4.58E-08	3.08E-03	4.73E-03	-1.00E+00	386180.2	3753122	11
795	GRID	4.84E-08	3.26E-03	5.00E-03	-1.00E+00	386180.2	3753172	11
796	GRID	5.12E-08	3.44E-03	5.25E-03	-1.00E+00	386180.2	3753222	11
797	GRID	5.39E-08	3.62E-03	5.55E-03	-1.00E+00	386180.2	3753272	11
798	GRID	5.62E-08	3.77E-03	5.82E-03	-1.00E+00	386180.2	3753322	11
799	GRID	5.80E-08	3.92E-03	6.09E-03	-1.00E+00	386180.2	3753372	11
800	GRID	5.95E-08	4.05E-03	6.38E-03	-1.00E+00	386180.2	3753422	11
801	GRID	6.19E-08	4.18E-03	6.65E-03	-1.00E+00	386180.2	3753472	11
802	GRID	6.71E-08	4.29E-03	6.88E-03	-1.00E+00	386180.2	3753522	11
803	GRID	7.40E-08	4.39E-03	7.10E-03	-1.00E+00	386180.2	3753572	11
804	GRID	8.08E-08	4.47E-03	7.30E-03	-1.00E+00	386180.2	3753622	11
805	GRID	8.50E-08	4.55E-03	7.44E-03	-1.00E+00	386180.2	3753672	11
806	GRID	9.07E-08	4.63E-03	7.55E-03	-1.00E+00	386180.2	3753722	11
807	GRID	9.78E-08	4.71E-03	7.59E-03	-1.00E+00	386180.2	3753772	11
808	GRID	1.02E-07	4.74E-03	7.57E-03	-1.00E+00	386180.2	3753822	11
809	GRID	9.91E-08	4.72E-03	7.50E-03	-1.00E+00	386180.2	3753872	11
810	GRID	9.39E-08	4.63E-03	7.38E-03	-1.00E+00	386180.2	3753922	11
811	GRID	8.65E-08	4.50E-03	7.20E-03	-1.00E+00	386180.2	3753972	11
812	GRID	7.83E-08	4.29E-03	7.07E-03	-1.00E+00	386180.2	3754022	11
813	GRID	7.11E-08	4.10E-03	6.84E-03	-1.00E+00	386180.2	3754072	11
814	GRID	6.52E-08	3.78E-03	6.76E-03	-1.00E+00	386180.2	3754122	11
815	GRID	6.34E-08	3.57E-03	6.51E-03	-1.00E+00	386180.2	3754172	11
816	GRID	6.37E-08	3.40E-03	6.23E-03	-1.00E+00	386180.2	3754222	11
817	GRID	6.46E-08	3.20E-03	6.02E-03	-1.00E+00	386180.2	3754272	11
818	GRID	6.55E-08	3.01E-03	5.84E-03	-1.00E+00	386180.2	3754322	11
819	GRID	6.65E-08	2.87E-03	5.55E-03	-1.00E+00	386180.2	3754372	11
820	GRID	6.72E-08	2.73E-03	5.30E-03	-1.00E+00	386180.2	3754422	11
821	GRID	6.69E-08	2.53E-03	5.19E-03	-1.00E+00	386180.2	3754472	11
822	GRID	6.71E-08	2.41E-03	4.95E-03	-1.00E+00	386180.2	3754522	11
823	GRID	6.72E-08	2.29E-03	4.71E-03	-1.00E+00	386180.2	3754572	11
824	GRID	6.65E-08	2.12E-03	4.60E-03	-1.00E+00	386180.2	3754622	11
825	GRID	6.64E-08	2.02E-03	4.40E-03	-1.00E+00	386180.2	3754672	11
826	GRID	6.60E-08	1.93E-03	4.18E-03	-1.00E+00	386180.2	3754722	11
827	GRID	6.55E-08	1.84E-03	4.01E-03	-1.00E+00	386180.2	3754772	11
828	GRID	3.62E-08	2.13E-03	3.46E-03	-1.00E+00	386230.2	3752772	11
829	GRID	3.68E-08	2.25E-03	3.62E-03	-1.00E+00	386230.2	3752822	11
830	GRID	3.75E-08	2.39E-03	3.79E-03	-1.00E+00	386230.2	3752872	11
831	GRID	3.85E-08	2.53E-03	3.99E-03	-1.00E+00	386230.2	3752922	11
832	GRID	4.01E-08	2.70E-03	4.22E-03	-1.00E+00	386230.2	3752972	11
833	GRID	4.16E-08	2.87E-03	4.42E-03	-1.00E+00	386230.2	3753022	11
834	GRID	4.35E-08	3.05E-03	4.65E-03	-1.00E+00	386230.2	3753072	11
835	GRID	4.63E-08	3.26E-03	4.94E-03	-1.00E+00	386230.2	3753122	11
836	GRID	4.97E-08	3.49E-03	5.25E-03	-1.00E+00	386230.2	3753172	11
837	GRID	5.33E-08	3.72E-03	5.58E-03	-1.00E+00	386230.2	3753222	11
838	GRID	5.66E-08	3.91E-03	5.87E-03	-1.00E+00	386230.2	3753272	11
839	GRID	6.01E-08	4.10E-03	6.18E-03	-1.00E+00	386230.2	3753322	11
840	GRID	6.37E-08	4.28E-03	6.53E-03	-1.00E+00	386230.2	3753372	11
841	GRID	6.65E-08	4.45E-03	6.83E-03	-1.00E+00	386230.2	3753422	11
842	GRID	6.97E-08	4.60E-03	7.15E-03	-1.00E+00	386230.2	3753472	11
843	GRID	7.61E-08	4.74E-03	7.45E-03	-1.00E+00	386230.2	3753522	11
844	GRID	8.68E-08	4.87E-03	7.73E-03	-1.00E+00	386230.2	3753572	11
845	GRID	9.82E-08	4.97E-03	7.97E-03	-1.00E+00	386230.2	3753622	11
846	GRID	1.05E-07	5.07E-03	8.16E-03	-1.00E+00	386230.2	3753672	11
847	GRID	1.13E-07	5.16E-03	8.27E-03	-1.00E+00	386230.2	3753722	11
848	GRID	1.24E-07	5.25E-03	8.34E-03	-1.00E+00	386230.2	3753772	11
849	GRID	1.29E-07	5.29E-03	8.32E-03	-1.00E+00	386230.2	3753822	11
850	GRID	1.24E-07	5.25E-03	8.23E-03	-1.00E+00	386230.2	3753872	11
851	GRID	1.15E-07	5.14E-03	8.08E-03	-1.00E+00	386230.2	3753922	11
852	GRID	1.02E-07	4.97E-03	7.86E-03	-1.00E+00	386230.2	3753972	11
853	GRID	8.92E-08	4.71E-03	7.67E-03	-1.00E+00	386230.2	3754022	11
854	GRID	7.87E-08	4.47E-03	7.39E-03	-1.00E+00	386230.2	3754072	11
855	GRID	7.34E-08	4.22E-03	7.07E-03	-1.00E+00	386230.2	3754122	11
856	GRID	7.13E-08	3.88E-03	6.92E-03	-1.00E+00	386230.2	3754172	11
857	GRID	7.15E-08	3.67E-03	6.63E-03	-1.00E+00	386230.2	3754222	11
858	GRID	7.23E-08	3.48E-03	6.30E-03	-1.00E+00	386230.2	3754272	11
859	GRID	7.22E-08	3.22E-03	6.14E-03	-1.00E+00	386230.2	3754322	11
860	GRID	7.25E-08	3.06E-03	5.84E-03	-1.00E+00	386230.2	3754372	11
861	GRID	7.26E-08	2.90E-03	5.54E-03	-1.00E+00	386230.2	3754422	11
862	GRID	7.23E-08	2.71E-03	5.32E-03	-1.00E+00	386230.2	3754472	11

Receptor	Type	Cancer	Chronic	Acute Simp	Acute Max	UTME	UTMN	ZONE
863	GRID	7.18E-08	2.53E-03	5.13E-03	-1.00E+00	386230.2	3754522	11
864	GRID	7.15E-08	2.40E-03	4.88E-03	-1.00E+00	386230.2	3754572	11
865	GRID	7.11E-08	2.28E-03	4.63E-03	-1.00E+00	386230.2	3754622	11
866	GRID	6.98E-08	2.11E-03	4.52E-03	-1.00E+00	386230.2	3754672	11
867	GRID	6.89E-08	2.01E-03	4.32E-03	-1.00E+00	386230.2	3754722	11
868	GRID	6.78E-08	1.91E-03	4.13E-03	-1.00E+00	386230.2	3754772	11
869	GRID	3.64E-08	2.18E-03	3.54E-03	-1.00E+00	386280.2	3752772	11
870	GRID	3.69E-08	2.31E-03	3.72E-03	-1.00E+00	386280.2	3752822	11
871	GRID	3.76E-08	2.45E-03	3.91E-03	-1.00E+00	386280.2	3752872	11
872	GRID	3.85E-08	2.61E-03	4.12E-03	-1.00E+00	386280.2	3752922	11
873	GRID	3.99E-08	2.79E-03	4.34E-03	-1.00E+00	386280.2	3752972	11
874	GRID	4.17E-08	2.98E-03	4.60E-03	-1.00E+00	386280.2	3753022	11
875	GRID	4.37E-08	3.19E-03	4.86E-03	-1.00E+00	386280.2	3753072	11
876	GRID	4.66E-08	3.43E-03	5.15E-03	-1.00E+00	386280.2	3753122	11
877	GRID	5.05E-08	3.69E-03	5.49E-03	-1.00E+00	386280.2	3753172	11
878	GRID	5.50E-08	3.98E-03	5.86E-03	-1.00E+00	386280.2	3753222	11
879	GRID	5.94E-08	4.22E-03	6.23E-03	-1.00E+00	386280.2	3753272	11
880	GRID	6.44E-08	4.46E-03	6.58E-03	-1.00E+00	386280.2	3753322	11
881	GRID	6.99E-08	4.68E-03	6.95E-03	-1.00E+00	386280.2	3753372	11
882	GRID	7.54E-08	4.90E-03	7.36E-03	-1.00E+00	386280.2	3753422	11
883	GRID	8.04E-08	5.10E-03	7.73E-03	-1.00E+00	386280.2	3753472	11
884	GRID	8.81E-08	5.27E-03	8.11E-03	-1.00E+00	386280.2	3753522	11
885	GRID	1.03E-07	5.40E-03	8.41E-03	-1.00E+00	386280.2	3753572	11
886	GRID	1.21E-07	5.53E-03	8.71E-03	-1.00E+00	386280.2	3753622	11
887	GRID	1.34E-07	5.66E-03	8.98E-03	-1.00E+00	386280.2	3753672	11
888	GRID	1.45E-07	5.80E-03	9.13E-03	-1.00E+00	386280.2	3753722	11
889	GRID	1.61E-07	5.90E-03	9.21E-03	-1.00E+00	386280.2	3753772	11
890	GRID	1.68E-07	5.95E-03	9.20E-03	-1.00E+00	386280.2	3753822	11
891	GRID	1.58E-07	5.89E-03	9.10E-03	-1.00E+00	386280.2	3753872	11
892	GRID	1.43E-07	5.74E-03	8.87E-03	-1.00E+00	386280.2	3753922	11
893	GRID	1.22E-07	5.52E-03	8.61E-03	-1.00E+00	386280.2	3753972	11
894	GRID	1.03E-07	5.24E-03	8.27E-03	-1.00E+00	386280.2	3754022	11
895	GRID	8.94E-08	4.89E-03	7.99E-03	-1.00E+00	386280.2	3754072	11
896	GRID	8.43E-08	4.59E-03	7.62E-03	-1.00E+00	386280.2	3754122	11
897	GRID	8.28E-08	4.34E-03	7.23E-03	-1.00E+00	386280.2	3754172	11
898	GRID	8.23E-08	4.10E-03	6.84E-03	-1.00E+00	386280.2	3754222	11
899	GRID	8.10E-08	3.76E-03	6.67E-03	-1.00E+00	386280.2	3754272	11
900	GRID	8.05E-08	3.55E-03	6.31E-03	-1.00E+00	386280.2	3754322	11
901	GRID	7.92E-08	3.26E-03	6.13E-03	-1.00E+00	386280.2	3754372	11
902	GRID	7.86E-08	3.07E-03	5.80E-03	-1.00E+00	386280.2	3754422	11
903	GRID	7.81E-08	2.90E-03	5.48E-03	-1.00E+00	386280.2	3754472	11
904	GRID	7.67E-08	2.66E-03	5.34E-03	-1.00E+00	386280.2	3754522	11
905	GRID	7.58E-08	2.52E-03	5.04E-03	-1.00E+00	386280.2	3754572	11
906	GRID	7.47E-08	2.38E-03	4.78E-03	-1.00E+00	386280.2	3754622	11
907	GRID	7.34E-08	2.26E-03	4.55E-03	-1.00E+00	386280.2	3754672	11
908	GRID	7.13E-08	2.09E-03	4.44E-03	-1.00E+00	386280.2	3754722	11
909	GRID	6.97E-08	1.98E-03	4.23E-03	-1.00E+00	386280.2	3754772	11
910	GRID	3.68E-08	2.24E-03	3.63E-03	-1.00E+00	386330.2	3752772	11
911	GRID	3.72E-08	2.37E-03	3.81E-03	-1.00E+00	386330.2	3752822	11
912	GRID	3.78E-08	2.52E-03	4.01E-03	-1.00E+00	386330.2	3752872	11
913	GRID	3.86E-08	2.69E-03	4.23E-03	-1.00E+00	386330.2	3752922	11
914	GRID	4.02E-08	2.89E-03	4.50E-03	-1.00E+00	386330.2	3752972	11
915	GRID	4.18E-08	3.09E-03	4.76E-03	-1.00E+00	386330.2	3753022	11
916	GRID	4.39E-08	3.31E-03	5.04E-03	-1.00E+00	386330.2	3753072	11
917	GRID	4.67E-08	3.56E-03	5.35E-03	-1.00E+00	386330.2	3753122	11
918	GRID	5.15E-08	3.90E-03	5.75E-03	-1.00E+00	386330.2	3753172	11
919	GRID	5.69E-08	4.23E-03	6.16E-03	-1.00E+00	386330.2	3753222	11
920	GRID	6.25E-08	4.54E-03	6.56E-03	-1.00E+00	386330.2	3753272	11
921	GRID	6.92E-08	4.84E-03	7.01E-03	-1.00E+00	386330.2	3753322	11
922	GRID	7.69E-08	5.11E-03	7.41E-03	-1.00E+00	386330.2	3753372	11
923	GRID	8.52E-08	5.36E-03	7.86E-03	-1.00E+00	386330.2	3753422	11
924	GRID	9.40E-08	5.61E-03	8.30E-03	-1.00E+00	386330.2	3753472	11
925	GRID	1.04E-07	5.84E-03	8.76E-03	-1.00E+00	386330.2	3753522	11
926	GRID	1.22E-07	6.04E-03	9.17E-03	-1.00E+00	386330.2	3753572	11
927	GRID	1.51E-07	6.21E-03	9.56E-03	-1.00E+00	386330.2	3753622	11
928	GRID	1.72E-07	6.35E-03	9.86E-03	-1.00E+00	386330.2	3753672	11
929	GRID	1.89E-07	6.48E-03	1.01E-02	-1.00E+00	386330.2	3753722	11
930	GRID	2.15E-07	6.70E-03	1.03E-02	-1.00E+00	386330.2	3753772	11
931	GRID	2.23E-07	6.75E-03	1.02E-02	-1.00E+00	386330.2	3753822	11
932	GRID	2.07E-07	6.67E-03	1.01E-02	-1.00E+00	386330.2	3753872	11
933	GRID	1.80E-07	6.46E-03	9.82E-03	-1.00E+00	386330.2	3753922	11
934	GRID	1.46E-07	6.15E-03	9.47E-03	-1.00E+00	386330.2	3753972	11
935	GRID	1.20E-07	5.79E-03	9.06E-03	-1.00E+00	386330.2	3754022	11
936	GRID	1.06E-07	5.42E-03	8.60E-03	-1.00E+00	386330.2	3754072	11
937	GRID	1.01E-07	5.09E-03	8.16E-03	-1.00E+00	386330.2	3754122	11
938	GRID	9.69E-08	4.73E-03	7.75E-03	-1.00E+00	386330.2	3754172	11
939	GRID	9.43E-08	4.45E-03	7.29E-03	-1.00E+00	386330.2	3754222	11
940	GRID	9.15E-08	4.11E-03	6.96E-03	-1.00E+00	386330.2	3754272	11
941	GRID	8.91E-08	3.80E-03	6.64E-03	-1.00E+00	386330.2	3754322	11
942	GRID	8.66E-08	3.47E-03	6.42E-03	-1.00E+00	386330.2	3754372	11
943	GRID	8.51E-08	3.26E-03	6.05E-03	-1.00E+00	386330.2	3754422	11
944	GRID	8.36E-08	3.06E-03	5.69E-03	-1.00E+00	386330.2	3754472	11
945	GRID	8.20E-08	2.88E-03	5.36E-03	-1.00E+00	386330.2	3754522	11
946	GRID	7.96E-08	2.64E-03	5.22E-03	-1.00E+00	386330.2	3754572	11
947	GRID	7.78E-08	2.49E-03	4.94E-03	-1.00E+00	386330.2	3754622	11
948	GRID	7.60E-08	2.34E-03	4.68E-03	-1.00E+00	386330.2	3754672	11
949	GRID	7.41E-08	2.21E-03	4.43E-03	-1.00E+00	386330.2	3754722	11
950	GRID	7.18E-08	2.03E-03	4.33E-03	-1.00E+00	386330.2	3754772	11
951	GRID	3.74E-08	2.29E-03	3.70E-03	-1.00E+00	386380.2	3752772	11
952	GRID	3.78E-08	2.43E-03	3.89E-03	-1.00E+00	386380.2	3752822	11
953	GRID	3.87E-08	2.61E-03	4.13E-03	-1.00E+00	386380.2	3752872	11
954	GRID	3.95E-08	2.78E-03	4.37E-03	-1.00E+00	386380.2	3752922	11
955	GRID	4.06E-08	2.98E-03	4.62E-03	-1.00E+00	386380.2	3752972	11
956	GRID	4.21E-08	3.19E-03	4.91E-03	-1.00E+00	386380.2	3753022	11
957	GRID	4.43E-08	3.44E-03	5.23E-03	-1.00E+00	386380.2	3753072	11
958	GRID	4.72E-08	3.70E-03	5.55E-03	-1.00E+00	386380.2	3753122	11
959	GRID	5.18E-08	4.04E-03	5.97E-03	-1.00E+00	386380.2	3753172	11

Receptor	Type	Cancer	Chronic	Acute Simp	Acute Max	UTME	UTMN	ZONE
960	GRID	5.82E-08	4.43E-03	6.44E-03	-1.00E+00	386380.2	3753222	11
961	GRID	6.52E-08	4.79E-03	6.87E-03	-1.00E+00	386380.2	3753272	11
962	GRID	7.40E-08	5.17E-03	7.35E-03	-1.00E+00	386380.2	3753322	11
963	GRID	8.42E-08	5.53E-03	7.87E-03	-1.00E+00	386380.2	3753372	11
964	GRID	9.63E-08	5.86E-03	8.36E-03	-1.00E+00	386380.2	3753422	11
965	GRID	1.10E-07	6.20E-03	8.91E-03	-1.00E+00	386380.2	3753472	11
966	GRID	1.25E-07	6.49E-03	9.45E-03	-1.00E+00	386380.2	3753522	11
967	GRID	1.48E-07	6.84E-03	1.01E-02	-1.00E+00	386380.2	3753572	11
968	GRID	1.88E-07	7.06E-03	1.06E-02	-1.00E+00	386380.2	3753622	11
969	GRID	2.27E-07	7.31E-03	1.11E-02	-1.00E+00	386380.2	3753672	11
970	GRID	2.54E-07	7.51E-03	1.14E-02	-1.00E+00	386380.2	3753722	11
971	GRID	2.92E-07	7.68E-03	1.15E-02	-1.00E+00	386380.2	3753772	11
972	GRID	2.98E-07	7.75E-03	1.15E-02	-1.00E+00	386380.2	3753822	11
973	GRID	2.72E-07	7.62E-03	1.13E-02	-1.00E+00	386380.2	3753872	11
974	GRID	2.25E-07	7.32E-03	1.09E-02	-1.00E+00	386380.2	3753922	11
975	GRID	1.75E-07	6.89E-03	1.05E-02	-1.00E+00	386380.2	3753972	11
976	GRID	1.45E-07	6.43E-03	9.93E-03	-1.00E+00	386380.2	3754022	11
977	GRID	1.31E-07	5.99E-03	9.36E-03	-1.00E+00	386380.2	3754072	11
978	GRID	1.23E-07	5.60E-03	8.78E-03	-1.00E+00	386380.2	3754122	11
979	GRID	1.15E-07	5.24E-03	8.22E-03	-1.00E+00	386380.2	3754172	11
980	GRID	1.08E-07	4.84E-03	7.76E-03	-1.00E+00	386380.2	3754222	11
981	GRID	1.03E-07	4.52E-03	7.25E-03	-1.00E+00	386380.2	3754272	11
982	GRID	9.86E-08	4.08E-03	6.98E-03	-1.00E+00	386380.2	3754322	11
983	GRID	9.50E-08	3.76E-03	6.62E-03	-1.00E+00	386380.2	3754372	11
984	GRID	9.15E-08	3.46E-03	6.29E-03	-1.00E+00	386380.2	3754422	11
985	GRID	8.88E-08	3.23E-03	5.92E-03	-1.00E+00	386380.2	3754472	11
986	GRID	8.59E-08	2.97E-03	5.66E-03	-1.00E+00	386380.2	3754522	11
987	GRID	8.32E-08	2.75E-03	5.38E-03	-1.00E+00	386380.2	3754572	11
988	GRID	8.10E-08	2.58E-03	5.08E-03	-1.00E+00	386380.2	3754622	11
989	GRID	7.88E-08	2.42E-03	4.81E-03	-1.00E+00	386380.2	3754672	11
990	GRID	7.68E-08	2.27E-03	4.55E-03	-1.00E+00	386380.2	3754722	11
991	GRID	7.43E-08	2.08E-03	4.43E-03	-1.00E+00	386380.2	3754772	11
992	GRID	3.82E-08	2.34E-03	3.78E-03	-1.00E+00	386430.2	3752772	11
993	GRID	3.87E-08	2.50E-03	3.99E-03	-1.00E+00	386430.2	3752822	11
994	GRID	3.94E-08	2.67E-03	4.23E-03	-1.00E+00	386430.2	3752872	11
995	GRID	4.03E-08	2.85E-03	4.47E-03	-1.00E+00	386430.2	3752922	11
996	GRID	4.13E-08	3.06E-03	4.76E-03	-1.00E+00	386430.2	3752972	11
997	GRID	4.28E-08	3.29E-03	5.06E-03	-1.00E+00	386430.2	3753022	11
998	GRID	4.49E-08	3.55E-03	5.39E-03	-1.00E+00	386430.2	3753072	11
999	GRID	4.79E-08	3.84E-03	5.76E-03	-1.00E+00	386430.2	3753122	11
1000	GRID	5.26E-08	4.21E-03	6.20E-03	-1.00E+00	386430.2	3753172	11
1001	GRID	5.87E-08	4.59E-03	6.67E-03	-1.00E+00	386430.2	3753222	11
1002	GRID	6.70E-08	5.00E-03	7.16E-03	-1.00E+00	386430.2	3753272	11
1003	GRID	7.88E-08	5.50E-03	7.73E-03	-1.00E+00	386430.2	3753322	11
1004	GRID	9.33E-08	5.98E-03	8.35E-03	-1.00E+00	386430.2	3753372	11
1005	GRID	1.11E-07	6.47E-03	8.98E-03	-1.00E+00	386430.2	3753422	11
1006	GRID	1.32E-07	6.93E-03	9.66E-03	-1.00E+00	386430.2	3753472	11
1007	GRID	1.54E-07	7.38E-03	1.04E-02	-1.00E+00	386430.2	3753522	11
1008	GRID	1.85E-07	7.81E-03	1.11E-02	-1.00E+00	386430.2	3753572	11
1009	GRID	2.31E-07	8.12E-03	1.18E-02	-1.00E+00	386430.2	3753622	11
1010	GRID	2.98E-07	8.50E-03	1.25E-02	-1.00E+00	386430.2	3753672	11
1011	GRID	3.43E-07	8.72E-03	1.28E-02	-1.00E+00	386430.2	3753722	11
1012	GRID	4.00E-07	8.92E-03	1.30E-02	-1.00E+00	386430.2	3753772	11
1013	GRID	4.03E-07	9.00E-03	1.30E-02	-1.00E+00	386430.2	3753822	11
1014	GRID	3.57E-07	8.79E-03	1.27E-02	-1.00E+00	386430.2	3753872	11
1015	GRID	2.78E-07	8.35E-03	1.22E-02	-1.00E+00	386430.2	3753922	11
1016	GRID	2.16E-07	7.77E-03	1.16E-02	-1.00E+00	386430.2	3753972	11
1017	GRID	1.87E-07	7.19E-03	1.09E-02	-1.00E+00	386430.2	3754022	11
1018	GRID	1.68E-07	6.67E-03	1.02E-02	-1.00E+00	386430.2	3754072	11
1019	GRID	1.50E-07	6.19E-03	9.48E-03	-1.00E+00	386430.2	3754122	11
1020	GRID	1.36E-07	5.75E-03	8.80E-03	-1.00E+00	386430.2	3754172	11
1021	GRID	1.25E-07	5.26E-03	8.24E-03	-1.00E+00	386430.2	3754222	11
1022	GRID	1.16E-07	4.88E-03	7.65E-03	-1.00E+00	386430.2	3754272	11
1023	GRID	1.08E-07	4.37E-03	7.32E-03	-1.00E+00	386430.2	3754322	11
1024	GRID	1.03E-07	4.04E-03	6.83E-03	-1.00E+00	386430.2	3754372	11
1025	GRID	9.78E-08	3.65E-03	6.54E-03	-1.00E+00	386430.2	3754422	11
1026	GRID	9.41E-08	3.39E-03	6.13E-03	-1.00E+00	386430.2	3754472	11
1027	GRID	9.02E-08	3.06E-03	5.90E-03	-1.00E+00	386430.2	3754522	11
1028	GRID	8.73E-08	2.85E-03	5.54E-03	-1.00E+00	386430.2	3754572	11
1029	GRID	8.47E-08	2.66E-03	5.21E-03	-1.00E+00	386430.2	3754622	11
1030	GRID	8.23E-08	2.48E-03	4.92E-03	-1.00E+00	386430.2	3754672	11
1031	GRID	7.97E-08	2.29E-03	4.70E-03	-1.00E+00	386430.2	3754722	11
1032	GRID	7.73E-08	2.12E-03	4.51E-03	-1.00E+00	386430.2	3754772	11
1033	GRID	3.80E-08	2.37E-03	3.85E-03	-1.00E+00	386480.2	3752772	11
1034	GRID	3.88E-08	2.53E-03	4.07E-03	-1.00E+00	386480.2	3752822	11
1035	GRID	3.97E-08	2.71E-03	4.31E-03	-1.00E+00	386480.2	3752872	11
1036	GRID	4.08E-08	2.91E-03	4.57E-03	-1.00E+00	386480.2	3752922	11
1037	GRID	4.21E-08	3.13E-03	4.87E-03	-1.00E+00	386480.2	3752972	11
1038	GRID	4.37E-08	3.38E-03	5.20E-03	-1.00E+00	386480.2	3753022	11
1039	GRID	4.60E-08	3.66E-03	5.56E-03	-1.00E+00	386480.2	3753072	11
1040	GRID	4.90E-08	3.97E-03	5.96E-03	-1.00E+00	386480.2	3753122	11
1041	GRID	5.33E-08	4.33E-03	6.39E-03	-1.00E+00	386480.2	3753172	11
1042	GRID	5.97E-08	4.74E-03	6.90E-03	-1.00E+00	386480.2	3753222	11
1043	GRID	6.92E-08	5.25E-03	7.50E-03	-1.00E+00	386480.2	3753272	11
1044	GRID	8.21E-08	5.78E-03	8.11E-03	-1.00E+00	386480.2	3753322	11
1045	GRID	1.00E-07	6.36E-03	8.77E-03	-1.00E+00	386480.2	3753372	11
1046	GRID	1.25E-07	6.99E-03	9.51E-03	-1.00E+00	386480.2	3753422	11
1047	GRID	1.57E-07	7.74E-03	1.04E-02	-1.00E+00	386480.2	3753472	11
1048	GRID	1.94E-07	8.35E-03	1.13E-02	-1.00E+00	386480.2	3753522	11
1049	GRID	2.33E-07	9.00E-03	1.23E-02	-1.00E+00	386480.2	3753572	11
1050	GRID	2.92E-07	9.45E-03	1.31E-02	-1.00E+00	386480.2	3753622	11
1051	GRID	3.89E-07	9.97E-03	1.40E-02	-1.00E+00	386480.2	3753672	11
1052	GRID	4.68E-07	1.03E-02	1.46E-02	-1.00E+00	386480.2	3753722	11
1053	GRID	5.57E-07	1.05E-02	1.48E-02	-1.00E+00	386480.2	3753772	11
1054	GRID	5.50E-07	1.06E-02	1.48E-02	-1.00E+00	386480.2	3753822	11
1055	GRID	4.62E-07	1.03E-02	1.44E-02	-1.00E+00	386480.2	3753872	11
1056	GRID	3.46E-07	9.59E-03	1.37E-02	-1.00E+00	386480.2	3753922	11

Receptor	Type	Cancer	Chronic	Acute Simp	Acute Max	UTME	UTMN	ZONE
1057	GRID	2.87E-07	8.82E-03	1.29E-02	-1.00E+00	386480.2	3753972	11
1058	GRID	2.50E-07	8.11E-03	1.20E-02	-1.00E+00	386480.2	3754022	11
1059	GRID	2.15E-07	7.47E-03	1.11E-02	-1.00E+00	386480.2	3754072	11
1060	GRID	1.85E-07	6.87E-03	1.02E-02	-1.00E+00	386480.2	3754122	11
1061	GRID	1.61E-07	6.31E-03	9.39E-03	-1.00E+00	386480.2	3754172	11
1062	GRID	1.42E-07	5.73E-03	8.74E-03	-1.00E+00	386480.2	3754222	11
1063	GRID	1.28E-07	5.25E-03	8.03E-03	-1.00E+00	386480.2	3754272	11
1064	GRID	1.18E-07	4.66E-03	7.67E-03	-1.00E+00	386480.2	3754322	11
1065	GRID	1.10E-07	4.16E-03	7.30E-03	-1.00E+00	386480.2	3754372	11
1066	GRID	1.05E-07	3.83E-03	6.79E-03	-1.00E+00	386480.2	3754422	11
1067	GRID	9.93E-08	3.44E-03	6.47E-03	-1.00E+00	386480.2	3754472	11
1068	GRID	9.54E-08	3.17E-03	6.07E-03	-1.00E+00	386480.2	3754522	11
1069	GRID	9.19E-08	2.94E-03	5.68E-03	-1.00E+00	386480.2	3754572	11
1070	GRID	8.88E-08	2.73E-03	5.33E-03	-1.00E+00	386480.2	3754622	11
1071	GRID	8.53E-08	2.48E-03	5.14E-03	-1.00E+00	386480.2	3754672	11
1072	GRID	8.27E-08	2.32E-03	4.85E-03	-1.00E+00	386480.2	3754722	11
1073	GRID	8.02E-08	2.17E-03	4.60E-03	-1.00E+00	386480.2	3754772	11
1074	GRID	3.73E-08	2.39E-03	3.90E-03	-1.00E+00	386530.2	3752772	11
1075	GRID	3.82E-08	2.55E-03	4.13E-03	-1.00E+00	386530.2	3752822	11
1076	GRID	3.89E-08	2.73E-03	4.38E-03	-1.00E+00	386530.2	3752872	11
1077	GRID	4.02E-08	2.93E-03	4.65E-03	-1.00E+00	386530.2	3752922	11
1078	GRID	4.17E-08	3.16E-03	4.94E-03	-1.00E+00	386530.2	3752972	11
1079	GRID	4.37E-08	3.42E-03	5.29E-03	-1.00E+00	386530.2	3753022	11
1080	GRID	4.66E-08	3.75E-03	5.70E-03	-1.00E+00	386530.2	3753072	11
1081	GRID	4.99E-08	4.09E-03	6.13E-03	-1.00E+00	386530.2	3753122	11
1082	GRID	5.46E-08	4.47E-03	6.61E-03	-1.00E+00	386530.2	3753172	11
1083	GRID	6.12E-08	4.91E-03	7.15E-03	-1.00E+00	386530.2	3753222	11
1084	GRID	7.07E-08	5.42E-03	7.74E-03	-1.00E+00	386530.2	3753272	11
1085	GRID	8.53E-08	6.08E-03	8.52E-03	-1.00E+00	386530.2	3753322	11
1086	GRID	1.05E-07	6.77E-03	9.27E-03	-1.00E+00	386530.2	3753372	11
1087	GRID	1.34E-07	7.55E-03	1.01E-02	-1.00E+00	386530.2	3753422	11
1088	GRID	1.77E-07	8.42E-03	1.11E-02	-1.00E+00	386530.2	3753472	11
1089	GRID	2.33E-07	9.30E-03	1.21E-02	-1.00E+00	386530.2	3753522	11
1090	GRID	3.36E-07	9.23E-03	1.32E-02	-1.00E+00	386530.2	3754022	11
1091	GRID	2.74E-07	8.41E-03	1.20E-02	-1.00E+00	386530.2	3754072	11
1092	GRID	2.21E-07	7.64E-03	1.10E-02	-1.00E+00	386530.2	3754122	11
1093	GRID	1.83E-07	6.92E-03	9.97E-03	-1.00E+00	386530.2	3754172	11
1094	GRID	1.57E-07	6.20E-03	9.20E-03	-1.00E+00	386530.2	3754222	11
1095	GRID	1.40E-07	5.58E-03	8.48E-03	-1.00E+00	386530.2	3754272	11
1096	GRID	1.28E-07	4.93E-03	7.98E-03	-1.00E+00	386530.2	3754322	11
1097	GRID	1.19E-07	4.35E-03	7.56E-03	-1.00E+00	386530.2	3754372	11
1098	GRID	1.12E-07	3.97E-03	7.01E-03	-1.00E+00	386530.2	3754422	11
1099	GRID	1.05E-07	3.54E-03	6.67E-03	-1.00E+00	386530.2	3754472	11
1100	GRID	1.00E-07	3.26E-03	6.21E-03	-1.00E+00	386530.2	3754522	11
1101	GRID	9.60E-08	3.01E-03	5.82E-03	-1.00E+00	386530.2	3754572	11
1102	GRID	9.17E-08	2.72E-03	5.58E-03	-1.00E+00	386530.2	3754622	11
1103	GRID	8.83E-08	2.54E-03	5.24E-03	-1.00E+00	386530.2	3754672	11
1104	GRID	8.49E-08	2.34E-03	5.00E-03	-1.00E+00	386530.2	3754722	11
1105	GRID	8.18E-08	2.17E-03	4.77E-03	-1.00E+00	386530.2	3754772	11
1106	GRID	3.61E-08	2.37E-03	3.93E-03	-1.00E+00	386580.2	3752772	11
1107	GRID	3.70E-08	2.54E-03	4.16E-03	-1.00E+00	386580.2	3752822	11
1108	GRID	3.81E-08	2.73E-03	4.43E-03	-1.00E+00	386580.2	3752872	11
1109	GRID	3.94E-08	2.95E-03	4.73E-03	-1.00E+00	386580.2	3752922	11
1110	GRID	4.10E-08	3.19E-03	5.03E-03	-1.00E+00	386580.2	3752972	11
1111	GRID	4.31E-08	3.46E-03	5.39E-03	-1.00E+00	386580.2	3753022	11
1112	GRID	4.57E-08	3.77E-03	5.80E-03	-1.00E+00	386580.2	3753072	11
1113	GRID	4.93E-08	4.12E-03	6.24E-03	-1.00E+00	386580.2	3753122	11
1114	GRID	5.46E-08	4.57E-03	6.79E-03	-1.00E+00	386580.2	3753172	11
1115	GRID	6.15E-08	5.05E-03	7.38E-03	-1.00E+00	386580.2	3753222	11
1116	GRID	7.13E-08	5.61E-03	8.05E-03	-1.00E+00	386580.2	3753272	11
1117	GRID	8.56E-08	6.26E-03	8.80E-03	-1.00E+00	386580.2	3753322	11
1118	GRID	1.07E-07	7.02E-03	9.65E-03	-1.00E+00	386580.2	3753372	11
1119	GRID	1.40E-07	8.04E-03	1.07E-02	-1.00E+00	386580.2	3753422	11
1120	GRID	1.88E-07	9.12E-03	1.19E-02	-1.00E+00	386580.2	3753472	11
1121	GRID	2.65E-07	1.05E-02	1.33E-02	-1.00E+00	386580.2	3753522	11
1122	GRID	4.25E-07	1.06E-02	1.44E-02	-1.00E+00	386580.2	3754022	11
1123	GRID	3.20E-07	9.47E-03	1.30E-02	-1.00E+00	386580.2	3754072	11
1124	GRID	2.48E-07	8.44E-03	1.17E-02	-1.00E+00	386580.2	3754122	11
1125	GRID	2.02E-07	7.42E-03	1.07E-02	-1.00E+00	386580.2	3754172	11
1126	GRID	1.72E-07	6.63E-03	9.65E-03	-1.00E+00	386580.2	3754222	11
1127	GRID	1.52E-07	5.73E-03	9.03E-03	-1.00E+00	386580.2	3754272	11
1128	GRID	1.37E-07	5.08E-03	8.36E-03	-1.00E+00	386580.2	3754322	11
1129	GRID	1.26E-07	4.52E-03	7.78E-03	-1.00E+00	386580.2	3754372	11
1130	GRID	1.17E-07	4.06E-03	7.26E-03	-1.00E+00	386580.2	3754422	11
1131	GRID	1.09E-07	3.65E-03	6.83E-03	-1.00E+00	386580.2	3754472	11
1132	GRID	1.03E-07	3.35E-03	6.35E-03	-1.00E+00	386580.2	3754522	11
1133	GRID	9.78E-08	3.02E-03	6.05E-03	-1.00E+00	386580.2	3754572	11
1134	GRID	9.33E-08	2.80E-03	5.67E-03	-1.00E+00	386580.2	3754622	11
1135	GRID	8.88E-08	2.54E-03	5.43E-03	-1.00E+00	386580.2	3754672	11
1136	GRID	8.53E-08	2.37E-03	5.13E-03	-1.00E+00	386580.2	3754722	11
1137	GRID	8.16E-08	2.17E-03	4.93E-03	-1.00E+00	386580.2	3754772	11
1138	GRID	3.54E-08	2.36E-03	3.98E-03	-1.00E+00	386630.2	3752772	11
1139	GRID	3.61E-08	2.52E-03	4.19E-03	-1.00E+00	386630.2	3752822	11
1140	GRID	3.72E-08	2.72E-03	4.47E-03	-1.00E+00	386630.2	3752872	11
1141	GRID	3.86E-08	2.94E-03	4.78E-03	-1.00E+00	386630.2	3752922	11
1142	GRID	4.03E-08	3.19E-03	5.12E-03	-1.00E+00	386630.2	3752972	11
1143	GRID	4.23E-08	3.47E-03	5.48E-03	-1.00E+00	386630.2	3753022	11
1144	GRID	4.49E-08	3.79E-03	5.89E-03	-1.00E+00	386630.2	3753072	11
1145	GRID	4.83E-08	4.15E-03	6.37E-03	-1.00E+00	386630.2	3753122	11
1146	GRID	5.30E-08	4.58E-03	6.91E-03	-1.00E+00	386630.2	3753172	11
1147	GRID	5.96E-08	5.08E-03	7.52E-03	-1.00E+00	386630.2	3753222	11
1148	GRID	6.94E-08	5.72E-03	8.30E-03	-1.00E+00	386630.2	3753272	11
1149	GRID	8.32E-08	6.43E-03	9.09E-03	-1.00E+00	386630.2	3753322	11
1150	GRID	1.04E-07	7.27E-03	1.00E-02	-1.00E+00	386630.2	3753372	11
1151	GRID	1.36E-07	8.40E-03	1.13E-02	-1.00E+00	386630.2	3753422	11
1152	GRID	1.87E-07	9.68E-03	1.26E-02	-1.00E+00	386630.2	3753472	11
1153	GRID	2.72E-07	1.14E-02	1.42E-02	-1.00E+00	386630.2	3753522	11

Receptor	Type	Cancer	Chronic	Acute Simp	Acute Max	UTME	UTMN	ZONE
1154	GRID	4.72E-07	1.20E-02	1.56E-02	-1.00E+00	386630.2	3754022	11
1155	GRID	3.50E-07	1.04E-02	1.40E-02	-1.00E+00	386630.2	3754072	11
1156	GRID	2.71E-07	9.06E-03	1.24E-02	-1.00E+00	386630.2	3754122	11
1157	GRID	2.18E-07	7.88E-03	1.12E-02	-1.00E+00	386630.2	3754172	11
1158	GRID	1.82E-07	6.73E-03	1.03E-02	-1.00E+00	386630.2	3754222	11
1159	GRID	1.59E-07	5.98E-03	9.33E-03	-1.00E+00	386630.2	3754272	11
1160	GRID	1.41E-07	5.18E-03	8.71E-03	-1.00E+00	386630.2	3754322	11
1161	GRID	1.28E-07	4.66E-03	7.98E-03	-1.00E+00	386630.2	3754372	11
1162	GRID	1.18E-07	4.11E-03	7.52E-03	-1.00E+00	386630.2	3754422	11
1163	GRID	1.10E-07	3.75E-03	6.96E-03	-1.00E+00	386630.2	3754472	11
1164	GRID	1.03E-07	3.38E-03	6.55E-03	-1.00E+00	386630.2	3754522	11
1165	GRID	9.70E-08	3.09E-03	6.14E-03	-1.00E+00	386630.2	3754572	11
1166	GRID	9.16E-08	2.78E-03	5.88E-03	-1.00E+00	386630.2	3754622	11
1167	GRID	8.71E-08	2.55E-03	5.58E-03	-1.00E+00	386630.2	3754672	11
1168	GRID	8.32E-08	2.35E-03	5.29E-03	-1.00E+00	386630.2	3754722	11
1169	GRID	7.97E-08	2.18E-03	5.02E-03	-1.00E+00	386630.2	3754772	11
1170	GRID	3.51E-08	2.35E-03	3.98E-03	-1.00E+00	386680.2	3752772	11
1171	GRID	3.59E-08	2.51E-03	4.22E-03	-1.00E+00	386680.2	3752822	11
1172	GRID	3.69E-08	2.70E-03	4.50E-03	-1.00E+00	386680.2	3752872	11
1173	GRID	3.81E-08	2.91E-03	4.79E-03	-1.00E+00	386680.2	3752922	11
1174	GRID	3.99E-08	3.17E-03	5.14E-03	-1.00E+00	386680.2	3752972	11
1175	GRID	4.20E-08	3.46E-03	5.54E-03	-1.00E+00	386680.2	3753022	11
1176	GRID	4.44E-08	3.78E-03	5.98E-03	-1.00E+00	386680.2	3753072	11
1177	GRID	4.77E-08	4.15E-03	6.47E-03	-1.00E+00	386680.2	3753122	11
1178	GRID	5.20E-08	4.58E-03	7.02E-03	-1.00E+00	386680.2	3753172	11
1179	GRID	5.78E-08	5.08E-03	7.67E-03	-1.00E+00	386680.2	3753222	11
1180	GRID	6.63E-08	5.75E-03	8.46E-03	-1.00E+00	386680.2	3753272	11
1181	GRID	7.80E-08	6.48E-03	9.33E-03	-1.00E+00	386680.2	3753322	11
1182	GRID	9.52E-08	7.38E-03	1.04E-02	-1.00E+00	386680.2	3753372	11
1183	GRID	1.22E-07	8.60E-03	1.17E-02	-1.00E+00	386680.2	3753422	11
1184	GRID	1.65E-07	1.00E-02	1.31E-02	-1.00E+00	386680.2	3753472	11
1185	GRID	2.38E-07	1.20E-02	1.50E-02	-1.00E+00	386680.2	3753522	11
1186	GRID	4.81E-07	1.34E-02	1.67E-02	-1.00E+00	386680.2	3754022	11
1187	GRID	3.54E-07	1.13E-02	1.47E-02	-1.00E+00	386680.2	3754072	11
1188	GRID	2.71E-07	9.25E-03	1.32E-02	-1.00E+00	386680.2	3754122	11
1189	GRID	2.17E-07	8.00E-03	1.18E-02	-1.00E+00	386680.2	3754172	11
1190	GRID	1.81E-07	6.99E-03	1.06E-02	-1.00E+00	386680.2	3754222	11
1191	GRID	1.56E-07	5.97E-03	9.77E-03	-1.00E+00	386680.2	3754272	11
1192	GRID	1.38E-07	5.32E-03	8.89E-03	-1.00E+00	386680.2	3754322	11
1193	GRID	1.24E-07	4.63E-03	8.30E-03	-1.00E+00	386680.2	3754372	11
1194	GRID	1.14E-07	4.19E-03	7.63E-03	-1.00E+00	386680.2	3754422	11
1195	GRID	1.06E-07	3.80E-03	7.08E-03	-1.00E+00	386680.2	3754472	11
1196	GRID	9.89E-08	3.39E-03	6.68E-03	-1.00E+00	386680.2	3754522	11
1197	GRID	9.29E-08	3.04E-03	6.35E-03	-1.00E+00	386680.2	3754572	11
1198	GRID	8.76E-08	2.74E-03	6.03E-03	-1.00E+00	386680.2	3754622	11
1199	GRID	8.30E-08	2.49E-03	5.76E-03	-1.00E+00	386680.2	3754672	11
1200	GRID	7.94E-08	2.31E-03	5.43E-03	-1.00E+00	386680.2	3754722	11
1201	GRID	7.60E-08	2.15E-03	5.13E-03	-1.00E+00	386680.2	3754772	11
1202	GRID	3.59E-08	2.36E-03	4.02E-03	-1.00E+00	386730.2	3752772	11
1203	GRID	3.64E-08	2.51E-03	4.25E-03	-1.00E+00	386730.2	3752822	11
1204	GRID	3.74E-08	2.70E-03	4.53E-03	-1.00E+00	386730.2	3752872	11
1205	GRID	3.87E-08	2.91E-03	4.84E-03	-1.00E+00	386730.2	3752922	11
1206	GRID	4.02E-08	3.15E-03	5.18E-03	-1.00E+00	386730.2	3752972	11
1207	GRID	4.24E-08	3.45E-03	5.58E-03	-1.00E+00	386730.2	3753022	11
1208	GRID	4.48E-08	3.77E-03	6.02E-03	-1.00E+00	386730.2	3753072	11
1209	GRID	4.79E-08	4.13E-03	6.52E-03	-1.00E+00	386730.2	3753122	11
1210	GRID	5.19E-08	4.56E-03	7.08E-03	-1.00E+00	386730.2	3753172	11
1211	GRID	5.73E-08	5.06E-03	7.74E-03	-1.00E+00	386730.2	3753222	11
1212	GRID	6.51E-08	5.73E-03	8.58E-03	-1.00E+00	386730.2	3753272	11
1213	GRID	7.55E-08	6.46E-03	9.48E-03	-1.00E+00	386730.2	3753322	11
1214	GRID	9.07E-08	7.36E-03	1.05E-02	-1.00E+00	386730.2	3753372	11
1215	GRID	1.15E-07	8.60E-03	1.19E-02	-1.00E+00	386730.2	3753422	11
1216	GRID	1.53E-07	1.00E-02	1.35E-02	-1.00E+00	386730.2	3753472	11
1217	GRID	2.18E-07	1.22E-02	1.56E-02	-1.00E+00	386730.2	3753522	11
1218	GRID	4.33E-07	1.45E-02	1.74E-02	-1.00E+00	386730.2	3754022	11
1219	GRID	3.22E-07	1.18E-02	1.52E-02	-1.00E+00	386730.2	3754072	11
1220	GRID	2.49E-07	9.51E-03	1.36E-02	-1.00E+00	386730.2	3754122	11
1221	GRID	2.00E-07	7.87E-03	1.23E-02	-1.00E+00	386730.2	3754172	11
1222	GRID	1.68E-07	6.84E-03	1.10E-02	-1.00E+00	386730.2	3754222	11
1223	GRID	1.46E-07	5.98E-03	9.94E-03	-1.00E+00	386730.2	3754272	11
1224	GRID	1.29E-07	5.17E-03	9.19E-03	-1.00E+00	386730.2	3754322	11
1225	GRID	1.17E-07	4.63E-03	8.38E-03	-1.00E+00	386730.2	3754372	11
1226	GRID	1.07E-07	4.18E-03	7.71E-03	-1.00E+00	386730.2	3754422	11
1227	GRID	9.93E-08	3.69E-03	7.26E-03	-1.00E+00	386730.2	3754472	11
1228	GRID	9.26E-08	3.28E-03	6.87E-03	-1.00E+00	386730.2	3754522	11
1229	GRID	8.67E-08	2.90E-03	6.56E-03	-1.00E+00	386730.2	3754572	11
1230	GRID	8.21E-08	2.64E-03	6.20E-03	-1.00E+00	386730.2	3754622	11
1231	GRID	7.79E-08	2.41E-03	5.89E-03	-1.00E+00	386730.2	3754672	11
1232	GRID	7.46E-08	2.24E-03	5.54E-03	-1.00E+00	386730.2	3754722	11
1233	GRID	7.15E-08	2.08E-03	5.24E-03	-1.00E+00	386730.2	3754772	11
1234	GRID	3.69E-08	2.37E-03	4.02E-03	-1.00E+00	386780.2	3752772	11
1235	GRID	3.78E-08	2.54E-03	4.27E-03	-1.00E+00	386780.2	3752822	11
1236	GRID	3.88E-08	2.72E-03	4.54E-03	-1.00E+00	386780.2	3752872	11
1237	GRID	4.02E-08	2.94E-03	4.85E-03	-1.00E+00	386780.2	3752922	11
1238	GRID	4.18E-08	3.18E-03	5.20E-03	-1.00E+00	386780.2	3752972	11
1239	GRID	4.38E-08	3.46E-03	5.59E-03	-1.00E+00	386780.2	3753022	11
1240	GRID	4.63E-08	3.78E-03	6.03E-03	-1.00E+00	386780.2	3753072	11
1241	GRID	4.94E-08	4.15E-03	6.53E-03	-1.00E+00	386780.2	3753122	11
1242	GRID	5.34E-08	4.57E-03	7.10E-03	-1.00E+00	386780.2	3753172	11
1243	GRID	5.91E-08	5.11E-03	7.80E-03	-1.00E+00	386780.2	3753222	11
1244	GRID	6.66E-08	5.75E-03	8.61E-03	-1.00E+00	386780.2	3753272	11
1245	GRID	7.70E-08	6.48E-03	9.53E-03	-1.00E+00	386780.2	3753322	11
1246	GRID	9.27E-08	7.38E-03	1.06E-02	-1.00E+00	386780.2	3753372	11
1247	GRID	1.18E-07	8.63E-03	1.20E-02	-1.00E+00	386780.2	3753422	11
1248	GRID	1.60E-07	1.02E-02	1.37E-02	-1.00E+00	386780.2	3753472	11
1249	GRID	2.32E-07	1.22E-02	1.58E-02	-1.00E+00	386780.2	3753522	11
1250	GRID	3.79E-07	1.41E-02	1.76E-02	-1.00E+00	386780.2	3754022	11

Receptor	Type	Cancer	Chronic	Acute Simp	Acute Max	UTME	UTMN	ZONE
1251	GRID	2.85E-07	1.14E-02	1.53E-02	-1.00E+00	386780.2	3754072	11
1252	GRID	2.20E-07	8.84E-03	1.39E-02	-1.00E+00	386780.2	3754122	11
1253	GRID	1.79E-07	7.37E-03	1.25E-02	-1.00E+00	386780.2	3754172	11
1254	GRID	1.51E-07	6.42E-03	1.12E-02	-1.00E+00	386780.2	3754222	11
1255	GRID	1.32E-07	5.66E-03	1.01E-02	-1.00E+00	386780.2	3754272	11
1256	GRID	1.17E-07	5.00E-03	9.24E-03	-1.00E+00	386780.2	3754322	11
1257	GRID	1.06E-07	4.38E-03	8.56E-03	-1.00E+00	386780.2	3754372	11
1258	GRID	9.83E-08	3.96E-03	7.87E-03	-1.00E+00	386780.2	3754422	11
1259	GRID	9.13E-08	3.52E-03	7.37E-03	-1.00E+00	386780.2	3754472	11
1260	GRID	8.44E-08	2.95E-03	7.20E-03	-1.00E+00	386780.2	3754522	11
1261	GRID	7.97E-08	2.68E-03	6.77E-03	-1.00E+00	386780.2	3754572	11
1262	GRID	7.58E-08	2.47E-03	6.35E-03	-1.00E+00	386780.2	3754622	11
1263	GRID	7.24E-08	2.29E-03	5.96E-03	-1.00E+00	386780.2	3754672	11
1264	GRID	6.95E-08	2.13E-03	5.61E-03	-1.00E+00	386780.2	3754722	11
1265	GRID	6.68E-08	1.99E-03	5.29E-03	-1.00E+00	386780.2	3754772	11
1266	GRID	3.84E-08	2.38E-03	4.03E-03	-1.00E+00	386830.2	3752772	11
1267	GRID	3.95E-08	2.55E-03	4.27E-03	-1.00E+00	386830.2	3752822	11
1268	GRID	4.07E-08	2.74E-03	4.55E-03	-1.00E+00	386830.2	3752872	11
1269	GRID	4.21E-08	2.96E-03	4.85E-03	-1.00E+00	386830.2	3752922	11
1270	GRID	4.38E-08	3.21E-03	5.20E-03	-1.00E+00	386830.2	3752972	11
1271	GRID	4.59E-08	3.49E-03	5.59E-03	-1.00E+00	386830.2	3753022	11
1272	GRID	4.85E-08	3.81E-03	6.02E-03	-1.00E+00	386830.2	3753072	11
1273	GRID	5.18E-08	4.18E-03	6.51E-03	-1.00E+00	386830.2	3753122	11
1274	GRID	5.60E-08	4.62E-03	7.09E-03	-1.00E+00	386830.2	3753172	11
1275	GRID	6.19E-08	5.19E-03	7.80E-03	-1.00E+00	386830.2	3753222	11
1276	GRID	6.94E-08	5.82E-03	8.58E-03	-1.00E+00	386830.2	3753272	11
1277	GRID	8.00E-08	6.57E-03	9.46E-03	-1.00E+00	386830.2	3753322	11
1278	GRID	9.62E-08	7.54E-03	1.06E-02	-1.00E+00	386830.2	3753372	11
1279	GRID	1.22E-07	8.78E-03	1.19E-02	-1.00E+00	386830.2	3753422	11
1280	GRID	1.66E-07	1.05E-02	1.37E-02	-1.00E+00	386830.2	3753472	11
1281	GRID	2.38E-07	1.27E-02	1.58E-02	-1.00E+00	386830.2	3753522	11
1282	GRID	3.21E-07	1.27E-02	1.73E-02	-1.00E+00	386830.2	3754022	11
1283	GRID	2.44E-07	1.02E-02	1.52E-02	-1.00E+00	386830.2	3754072	11
1284	GRID	1.89E-07	7.60E-03	1.41E-02	-1.00E+00	386830.2	3754122	11
1285	GRID	1.56E-07	6.62E-03	1.26E-02	-1.00E+00	386830.2	3754172	11
1286	GRID	1.33E-07	5.83E-03	1.13E-02	-1.00E+00	386830.2	3754222	11
1287	GRID	1.17E-07	5.18E-03	1.03E-02	-1.00E+00	386830.2	3754272	11
1288	GRID	1.05E-07	4.64E-03	9.34E-03	-1.00E+00	386830.2	3754322	11
1289	GRID	9.62E-08	4.18E-03	8.51E-03	-1.00E+00	386830.2	3754372	11
1290	GRID	8.93E-08	3.79E-03	7.84E-03	-1.00E+00	386830.2	3754422	11
1291	GRID	8.29E-08	3.29E-03	7.48E-03	-1.00E+00	386830.2	3754472	11
1292	GRID	7.73E-08	2.83E-03	7.21E-03	-1.00E+00	386830.2	3754522	11
1293	GRID	7.35E-08	2.62E-03	6.73E-03	-1.00E+00	386830.2	3754572	11
1294	GRID	7.03E-08	2.42E-03	6.29E-03	-1.00E+00	386830.2	3754622	11
1295	GRID	6.75E-08	2.26E-03	5.88E-03	-1.00E+00	386830.2	3754672	11
1296	GRID	6.49E-08	2.11E-03	5.53E-03	-1.00E+00	386830.2	3754722	11
1297	GRID	6.27E-08	1.97E-03	5.22E-03	-1.00E+00	386830.2	3754772	11
1298	GRID	4.03E-08	2.40E-03	4.01E-03	-1.00E+00	386880.2	3752772	11
1299	GRID	4.14E-08	2.57E-03	4.25E-03	-1.00E+00	386880.2	3752822	11
1300	GRID	4.28E-08	2.77E-03	4.52E-03	-1.00E+00	386880.2	3752872	11
1301	GRID	4.43E-08	2.99E-03	4.81E-03	-1.00E+00	386880.2	3752922	11
1302	GRID	4.62E-08	3.24E-03	5.15E-03	-1.00E+00	386880.2	3752972	11
1303	GRID	4.84E-08	3.52E-03	5.53E-03	-1.00E+00	386880.2	3753022	11
1304	GRID	5.11E-08	3.85E-03	5.96E-03	-1.00E+00	386880.2	3753072	11
1305	GRID	5.48E-08	4.25E-03	6.48E-03	-1.00E+00	386880.2	3753122	11
1306	GRID	5.92E-08	4.72E-03	7.06E-03	-1.00E+00	386880.2	3753172	11
1307	GRID	6.48E-08	5.26E-03	7.71E-03	-1.00E+00	386880.2	3753222	11
1308	GRID	7.23E-08	5.89E-03	8.45E-03	-1.00E+00	386880.2	3753272	11
1309	GRID	8.26E-08	6.66E-03	9.31E-03	-1.00E+00	386880.2	3753322	11
1310	GRID	9.81E-08	7.63E-03	1.04E-02	-1.00E+00	386880.2	3753372	11
1311	GRID	1.22E-07	8.89E-03	1.16E-02	-1.00E+00	386880.2	3753422	11
1312	GRID	1.60E-07	1.06E-02	1.33E-02	-1.00E+00	386880.2	3753472	11
1313	GRID	2.20E-07	1.30E-02	1.54E-02	-1.00E+00	386880.2	3753522	11
1314	GRID	2.76E-07	1.13E-02	1.65E-02	-1.00E+00	386880.2	3754022	11
1315	GRID	2.11E-07	9.17E-03	1.48E-02	-1.00E+00	386880.2	3754072	11
1316	GRID	1.66E-07	7.12E-03	1.36E-02	-1.00E+00	386880.2	3754122	11
1317	GRID	1.38E-07	6.28E-03	1.22E-02	-1.00E+00	386880.2	3754172	11
1318	GRID	1.19E-07	5.58E-03	1.10E-02	-1.00E+00	386880.2	3754222	11
1319	GRID	1.05E-07	5.02E-03	9.95E-03	-1.00E+00	386880.2	3754272	11
1320	GRID	9.54E-08	4.52E-03	9.06E-03	-1.00E+00	386880.2	3754322	11
1321	GRID	8.78E-08	4.10E-03	8.28E-03	-1.00E+00	386880.2	3754372	11
1322	GRID	8.12E-08	3.61E-03	7.78E-03	-1.00E+00	386880.2	3754422	11
1323	GRID	7.58E-08	3.20E-03	7.32E-03	-1.00E+00	386880.2	3754472	11
1324	GRID	7.16E-08	2.86E-03	6.91E-03	-1.00E+00	386880.2	3754522	11
1325	GRID	6.79E-08	2.59E-03	6.52E-03	-1.00E+00	386880.2	3754572	11
1326	GRID	6.51E-08	2.39E-03	6.13E-03	-1.00E+00	386880.2	3754622	11
1327	GRID	6.27E-08	2.23E-03	5.74E-03	-1.00E+00	386880.2	3754672	11
1328	GRID	6.06E-08	2.08E-03	5.42E-03	-1.00E+00	386880.2	3754722	11
1329	GRID	5.84E-08	1.92E-03	5.18E-03	-1.00E+00	386880.2	3754772	11
1330	GRID	4.28E-08	2.43E-03	3.98E-03	-1.00E+00	386930.2	3752772	11
1331	GRID	4.40E-08	2.61E-03	4.23E-03	-1.00E+00	386930.2	3752822	11
1332	GRID	4.54E-08	2.81E-03	4.50E-03	-1.00E+00	386930.2	3752872	11
1333	GRID	4.71E-08	3.03E-03	4.81E-03	-1.00E+00	386930.2	3752922	11
1334	GRID	4.91E-08	3.29E-03	5.14E-03	-1.00E+00	386930.2	3752972	11
1335	GRID	5.15E-08	3.58E-03	5.51E-03	-1.00E+00	386930.2	3753022	11
1336	GRID	5.43E-08	3.91E-03	5.92E-03	-1.00E+00	386930.2	3753072	11
1337	GRID	5.77E-08	4.30E-03	6.41E-03	-1.00E+00	386930.2	3753122	11
1338	GRID	6.19E-08	4.75E-03	6.95E-03	-1.00E+00	386930.2	3753172	11
1339	GRID	6.73E-08	5.28E-03	7.55E-03	-1.00E+00	386930.2	3753222	11
1340	GRID	7.43E-08	5.91E-03	8.25E-03	-1.00E+00	386930.2	3753272	11
1341	GRID	8.36E-08	6.66E-03	9.07E-03	-1.00E+00	386930.2	3753322	11
1342	GRID	9.72E-08	7.63E-03	1.00E-02	-1.00E+00	386930.2	3753372	11
1343	GRID	1.17E-07	8.80E-03	1.12E-02	-1.00E+00	386930.2	3753422	11
1344	GRID	1.46E-07	1.03E-02	1.26E-02	-1.00E+00	386930.2	3753472	11
1345	GRID	1.94E-07	1.24E-02	1.45E-02	-1.00E+00	386930.2	3753522	11
1346	GRID	2.53E-07	9.95E-03	1.55E-02	-1.00E+00	386930.2	3754022	11
1347	GRID	1.87E-07	8.29E-03	1.40E-02	-1.00E+00	386930.2	3754072	11

Receptor	Type	Cancer	Chronic	Acute Simp	Acute Max	UTME	UTMN	ZONE
1348	GRID	1.49E-07	7.00E-03	1.27E-02	-1.00E+00	386930.2	3754122	11
1349	GRID	1.25E-07	6.05E-03	1.16E-02	-1.00E+00	386930.2	3754172	11
1350	GRID	1.08E-07	5.38E-03	1.05E-02	-1.00E+00	386930.2	3754222	11
1351	GRID	9.63E-08	4.87E-03	9.50E-03	-1.00E+00	386930.2	3754272	11
1352	GRID	8.75E-08	4.40E-03	8.70E-03	-1.00E+00	386930.2	3754322	11
1353	GRID	8.02E-08	3.88E-03	8.13E-03	-1.00E+00	386930.2	3754372	11
1354	GRID	7.50E-08	3.55E-03	7.51E-03	-1.00E+00	386930.2	3754422	11
1355	GRID	7.03E-08	3.16E-03	7.08E-03	-1.00E+00	386930.2	3754472	11
1356	GRID	6.64E-08	2.82E-03	6.72E-03	-1.00E+00	386930.2	3754522	11
1357	GRID	6.34E-08	2.59E-03	6.32E-03	-1.00E+00	386930.2	3754572	11
1358	GRID	6.07E-08	2.36E-03	5.96E-03	-1.00E+00	386930.2	3754622	11
1359	GRID	5.86E-08	2.21E-03	5.60E-03	-1.00E+00	386930.2	3754672	11
1360	GRID	5.65E-08	2.03E-03	5.34E-03	-1.00E+00	386930.2	3754722	11
1361	GRID	5.47E-08	1.89E-03	5.08E-03	-1.00E+00	386930.2	3754772	11
1362	GRID	4.48E-08	2.44E-03	3.95E-03	-1.00E+00	386980.2	3752772	11
1363	GRID	4.62E-08	2.62E-03	4.18E-03	-1.00E+00	386980.2	3752822	11
1364	GRID	4.77E-08	2.82E-03	4.45E-03	-1.00E+00	386980.2	3752872	11
1365	GRID	4.95E-08	3.04E-03	4.74E-03	-1.00E+00	386980.2	3752922	11
1366	GRID	5.16E-08	3.29E-03	5.07E-03	-1.00E+00	386980.2	3752972	11
1367	GRID	5.40E-08	3.58E-03	5.41E-03	-1.00E+00	386980.2	3753022	11
1368	GRID	5.68E-08	3.91E-03	5.83E-03	-1.00E+00	386980.2	3753072	11
1369	GRID	6.00E-08	4.29E-03	6.26E-03	-1.00E+00	386980.2	3753122	11
1370	GRID	6.40E-08	4.73E-03	6.78E-03	-1.00E+00	386980.2	3753172	11
1371	GRID	6.88E-08	5.24E-03	7.35E-03	-1.00E+00	386980.2	3753222	11
1372	GRID	7.49E-08	5.85E-03	8.01E-03	-1.00E+00	386980.2	3753272	11
1373	GRID	8.30E-08	6.55E-03	8.75E-03	-1.00E+00	386980.2	3753322	11
1374	GRID	9.46E-08	7.47E-03	9.68E-03	-1.00E+00	386980.2	3753372	11
1375	GRID	1.11E-07	8.54E-03	1.08E-02	-1.00E+00	386980.2	3753422	11
1376	GRID	1.35E-07	9.74E-03	1.20E-02	-1.00E+00	386980.2	3753472	11
1377	GRID	1.81E-07	1.12E-02	1.35E-02	-1.00E+00	386980.2	3753522	11
1378	GRID	2.73E-07	1.26E-02	1.49E-02	-1.00E+00	386980.2	3753572	11
1379	GRID	4.69E-07	1.41E-02	1.64E-02	-1.00E+00	386980.2	3753622	11
1380	GRID	8.46E-07	1.65E-02	1.79E-02	-1.00E+00	386980.2	3753672	11
1381	GRID	1.47E-06	2.16E-02	1.91E-02	-1.00E+00	386980.2	3753722	11
1382	GRID	2.36E-06	3.04E-02	1.98E-02	-1.00E+00	386980.2	3753772	11
1383	GRID	2.54E-06	3.39E-02	1.96E-02	-1.00E+00	386980.2	3753822	11
1384	GRID	1.48E-06	2.45E-02	1.86E-02	-1.00E+00	386980.2	3753872	11
1385	GRID	6.90E-07	1.55E-02	1.72E-02	-1.00E+00	386980.2	3753922	11
1386	GRID	3.91E-07	1.13E-02	1.57E-02	-1.00E+00	386980.2	3753972	11
1387	GRID	2.54E-07	9.23E-03	1.42E-02	-1.00E+00	386980.2	3754022	11
1388	GRID	1.79E-07	7.85E-03	1.29E-02	-1.00E+00	386980.2	3754072	11
1389	GRID	1.38E-07	6.82E-03	1.17E-02	-1.00E+00	386980.2	3754122	11
1390	GRID	1.14E-07	5.84E-03	1.08E-02	-1.00E+00	386980.2	3754172	11
1391	GRID	9.95E-08	5.26E-03	9.87E-03	-1.00E+00	386980.2	3754222	11
1392	GRID	8.83E-08	4.58E-03	9.18E-03	-1.00E+00	386980.2	3754272	11
1393	GRID	8.06E-08	4.16E-03	8.43E-03	-1.00E+00	386980.2	3754322	11
1394	GRID	7.48E-08	3.81E-03	7.76E-03	-1.00E+00	386980.2	3754372	11
1395	GRID	6.95E-08	3.36E-03	7.34E-03	-1.00E+00	386980.2	3754422	11
1396	GRID	6.52E-08	3.01E-03	6.93E-03	-1.00E+00	386980.2	3754472	11
1397	GRID	6.22E-08	2.78E-03	6.47E-03	-1.00E+00	386980.2	3754522	11
1398	GRID	5.93E-08	2.51E-03	6.16E-03	-1.00E+00	386980.2	3754572	11
1399	GRID	5.71E-08	2.34E-03	5.80E-03	-1.00E+00	386980.2	3754622	11
1400	GRID	5.48E-08	2.13E-03	5.53E-03	-1.00E+00	386980.2	3754672	11
1401	GRID	5.31E-08	1.99E-03	5.22E-03	-1.00E+00	386980.2	3754722	11
1402	GRID	5.17E-08	1.87E-03	4.93E-03	-1.00E+00	386980.2	3754772	11
1403	GRID	4.69E-08	2.44E-03	3.91E-03	-1.00E+00	387030.2	3752772	11
1404	GRID	4.83E-08	2.62E-03	4.12E-03	-1.00E+00	387030.2	3752822	11
1405	GRID	5.00E-08	2.81E-03	4.38E-03	-1.00E+00	387030.2	3752872	11
1406	GRID	5.18E-08	3.03E-03	4.66E-03	-1.00E+00	387030.2	3752922	11
1407	GRID	5.38E-08	3.28E-03	4.95E-03	-1.00E+00	387030.2	3752972	11
1408	GRID	5.61E-08	3.56E-03	5.31E-03	-1.00E+00	387030.2	3753022	11
1409	GRID	5.87E-08	3.88E-03	5.67E-03	-1.00E+00	387030.2	3753072	11
1410	GRID	6.17E-08	4.25E-03	6.12E-03	-1.00E+00	387030.2	3753122	11
1411	GRID	6.52E-08	4.67E-03	6.58E-03	-1.00E+00	387030.2	3753172	11
1412	GRID	6.97E-08	5.16E-03	7.14E-03	-1.00E+00	387030.2	3753222	11
1413	GRID	7.54E-08	5.75E-03	7.75E-03	-1.00E+00	387030.2	3753272	11
1414	GRID	8.23E-08	6.39E-03	8.46E-03	-1.00E+00	387030.2	3753322	11
1415	GRID	9.12E-08	7.10E-03	9.21E-03	-1.00E+00	387030.2	3753372	11
1416	GRID	1.04E-07	7.88E-03	1.01E-02	-1.00E+00	387030.2	3753422	11
1417	GRID	1.29E-07	8.85E-03	1.12E-02	-1.00E+00	387030.2	3753472	11
1418	GRID	1.76E-07	9.81E-03	1.23E-02	-1.00E+00	387030.2	3753522	11
1419	GRID	2.67E-07	1.09E-02	1.35E-02	-1.00E+00	387030.2	3753572	11
1420	GRID	4.46E-07	1.23E-02	1.47E-02	-1.00E+00	387030.2	3753622	11
1421	GRID	7.38E-07	1.46E-02	1.56E-02	-1.00E+00	387030.2	3753672	11
1422	GRID	1.18E-06	1.87E-02	1.64E-02	-1.00E+00	387030.2	3753722	11
1423	GRID	1.77E-06	2.46E-02	1.67E-02	-1.00E+00	387030.2	3753772	11
1424	GRID	2.00E-06	2.76E-02	1.66E-02	-1.00E+00	387030.2	3753822	11
1425	GRID	1.41E-06	2.26E-02	1.61E-02	-1.00E+00	387030.2	3753872	11
1426	GRID	7.30E-07	1.54E-02	1.52E-02	-1.00E+00	387030.2	3753922	11
1427	GRID	4.00E-07	1.10E-02	1.41E-02	-1.00E+00	387030.2	3753972	11
1428	GRID	2.58E-07	8.69E-03	1.30E-02	-1.00E+00	387030.2	3754022	11
1429	GRID	1.81E-07	7.38E-03	1.19E-02	-1.00E+00	387030.2	3754072	11
1430	GRID	1.35E-07	6.48E-03	1.09E-02	-1.00E+00	387030.2	3754122	11
1431	GRID	1.09E-07	5.70E-03	1.00E-02	-1.00E+00	387030.2	3754172	11
1432	GRID	9.28E-08	5.04E-03	9.26E-03	-1.00E+00	387030.2	3754222	11
1433	GRID	8.25E-08	4.46E-03	8.61E-03	-1.00E+00	387030.2	3754272	11
1434	GRID	7.56E-08	4.08E-03	7.95E-03	-1.00E+00	387030.2	3754322	11
1435	GRID	6.97E-08	3.59E-03	7.52E-03	-1.00E+00	387030.2	3754372	11
1436	GRID	6.52E-08	3.23E-03	7.08E-03	-1.00E+00	387030.2	3754422	11
1437	GRID	6.16E-08	2.95E-03	6.64E-03	-1.00E+00	387030.2	3754472	11
1438	GRID	5.84E-08	2.66E-03	6.32E-03	-1.00E+00	387030.2	3754522	11
1439	GRID	5.60E-08	2.47E-03	5.93E-03	-1.00E+00	387030.2	3754572	11
1440	GRID	5.36E-08	2.24E-03	5.69E-03	-1.00E+00	387030.2	3754622	11
1441	GRID	5.19E-08	2.10E-03	5.35E-03	-1.00E+00	387030.2	3754672	11
1442	GRID	5.01E-08	1.93E-03	5.12E-03	-1.00E+00	387030.2	3754722	11
1443	GRID	4.87E-08	1.81E-03	4.87E-03	-1.00E+00	387030.2	3754772	11
1444	GRID	4.90E-08	2.43E-03	3.83E-03	-1.00E+00	387080.2	3752772	11

Receptor	Type	Cancer	Chronic	Acute Simp	Acute Max	UTME	UTMN	ZONE
1445	GRID	5.04E-08	2.60E-03	4.06E-03	-1.00E+00	387080.2	3752822	11
1446	GRID	5.20E-08	2.79E-03	4.30E-03	-1.00E+00	387080.2	3752872	11
1447	GRID	5.37E-08	3.01E-03	4.55E-03	-1.00E+00	387080.2	3752922	11
1448	GRID	5.56E-08	3.25E-03	4.85E-03	-1.00E+00	387080.2	3752972	11
1449	GRID	5.77E-08	3.52E-03	5.18E-03	-1.00E+00	387080.2	3753022	11
1450	GRID	6.01E-08	3.82E-03	5.54E-03	-1.00E+00	387080.2	3753072	11
1451	GRID	6.28E-08	4.17E-03	5.92E-03	-1.00E+00	387080.2	3753122	11
1452	GRID	6.66E-08	4.60E-03	6.40E-03	-1.00E+00	387080.2	3753172	11
1453	GRID	7.03E-08	5.04E-03	6.90E-03	-1.00E+00	387080.2	3753222	11
1454	GRID	7.48E-08	5.52E-03	7.44E-03	-1.00E+00	387080.2	3753272	11
1455	GRID	8.07E-08	6.05E-03	8.05E-03	-1.00E+00	387080.2	3753322	11
1456	GRID	8.89E-08	6.62E-03	8.72E-03	-1.00E+00	387080.2	3753372	11
1457	GRID	1.03E-07	7.29E-03	9.52E-03	-1.00E+00	387080.2	3753422	11
1458	GRID	1.28E-07	8.02E-03	1.04E-02	-1.00E+00	387080.2	3753472	11
1459	GRID	1.72E-07	8.70E-03	1.13E-02	-1.00E+00	387080.2	3753522	11
1460	GRID	2.57E-07	9.52E-03	1.21E-02	-1.00E+00	387080.2	3753572	11
1461	GRID	4.07E-07	1.07E-02	1.29E-02	-1.00E+00	387080.2	3753622	11
1462	GRID	6.26E-07	1.27E-02	1.36E-02	-1.00E+00	387080.2	3753672	11
1463	GRID	9.41E-07	1.62E-02	1.43E-02	-1.00E+00	387080.2	3753722	11
1464	GRID	1.33E-06	2.04E-02	1.46E-02	-1.00E+00	387080.2	3753772	11
1465	GRID	1.54E-06	2.28E-02	1.45E-02	-1.00E+00	387080.2	3753822	11
1466	GRID	1.24E-06	2.02E-02	1.41E-02	-1.00E+00	387080.2	3753872	11
1467	GRID	7.37E-07	1.50E-02	1.35E-02	-1.00E+00	387080.2	3753922	11
1468	GRID	4.13E-07	1.07E-02	1.27E-02	-1.00E+00	387080.2	3753972	11
1469	GRID	2.61E-07	8.34E-03	1.18E-02	-1.00E+00	387080.2	3754022	11
1470	GRID	1.83E-07	6.96E-03	1.10E-02	-1.00E+00	387080.2	3754072	11
1471	GRID	1.36E-07	6.06E-03	1.01E-02	-1.00E+00	387080.2	3754122	11
1472	GRID	1.08E-07	5.41E-03	9.33E-03	-1.00E+00	387080.2	3754172	11
1473	GRID	8.94E-08	4.81E-03	8.67E-03	-1.00E+00	387080.2	3754222	11
1474	GRID	7.86E-08	4.37E-03	8.02E-03	-1.00E+00	387080.2	3754272	11
1475	GRID	7.09E-08	3.84E-03	7.61E-03	-1.00E+00	387080.2	3754322	11
1476	GRID	6.55E-08	3.43E-03	7.20E-03	-1.00E+00	387080.2	3754372	11
1477	GRID	6.17E-08	3.14E-03	6.76E-03	-1.00E+00	387080.2	3754422	11
1478	GRID	5.82E-08	2.80E-03	6.48E-03	-1.00E+00	387080.2	3754472	11
1479	GRID	5.57E-08	2.61E-03	6.04E-03	-1.00E+00	387080.2	3754522	11
1480	GRID	5.30E-08	2.36E-03	5.80E-03	-1.00E+00	387080.2	3754572	11
1481	GRID	5.12E-08	2.21E-03	5.45E-03	-1.00E+00	387080.2	3754622	11
1482	GRID	4.91E-08	2.01E-03	5.26E-03	-1.00E+00	387080.2	3754672	11
1483	GRID	4.77E-08	1.90E-03	4.96E-03	-1.00E+00	387080.2	3754722	11
1484	GRID	4.63E-08	1.77E-03	4.74E-03	-1.00E+00	387080.2	3754772	11
1485	GRID	5.02E-08	2.40E-03	3.75E-03	-1.00E+00	387130.2	3752772	11
1486	GRID	5.16E-08	2.56E-03	3.96E-03	-1.00E+00	387130.2	3752822	11
1487	GRID	5.31E-08	2.75E-03	4.20E-03	-1.00E+00	387130.2	3752872	11
1488	GRID	5.47E-08	2.95E-03	4.45E-03	-1.00E+00	387130.2	3752922	11
1489	GRID	5.70E-08	3.20E-03	4.73E-03	-1.00E+00	387130.2	3752972	11
1490	GRID	5.90E-08	3.46E-03	5.03E-03	-1.00E+00	387130.2	3753022	11
1491	GRID	6.11E-08	3.74E-03	5.36E-03	-1.00E+00	387130.2	3753072	11
1492	GRID	6.35E-08	4.06E-03	5.74E-03	-1.00E+00	387130.2	3753122	11
1493	GRID	6.69E-08	4.44E-03	6.18E-03	-1.00E+00	387130.2	3753172	11
1494	GRID	7.00E-08	4.82E-03	6.62E-03	-1.00E+00	387130.2	3753222	11
1495	GRID	7.41E-08	5.22E-03	7.08E-03	-1.00E+00	387130.2	3753272	11
1496	GRID	7.96E-08	5.65E-03	7.62E-03	-1.00E+00	387130.2	3753322	11
1497	GRID	8.78E-08	6.08E-03	8.20E-03	-1.00E+00	387130.2	3753372	11
1498	GRID	1.02E-07	6.62E-03	8.88E-03	-1.00E+00	387130.2	3753422	11
1499	GRID	1.25E-07	7.11E-03	9.54E-03	-1.00E+00	387130.2	3753472	11
1500	GRID	1.68E-07	7.75E-03	1.03E-02	-1.00E+00	387130.2	3753522	11
1501	GRID	2.44E-07	8.53E-03	1.10E-02	-1.00E+00	387130.2	3753572	11
1502	GRID	3.63E-07	9.66E-03	1.16E-02	-1.00E+00	387130.2	3753622	11
1503	GRID	5.28E-07	1.14E-02	1.21E-02	-1.00E+00	387130.2	3753672	11
1504	GRID	7.50E-07	1.39E-02	1.25E-02	-1.00E+00	387130.2	3753722	11
1505	GRID	1.02E-06	1.71E-02	1.28E-02	-1.00E+00	387130.2	3753772	11
1506	GRID	1.19E-06	1.91E-02	1.27E-02	-1.00E+00	387130.2	3753822	11
1507	GRID	1.05E-06	1.79E-02	1.25E-02	-1.00E+00	387130.2	3753872	11
1508	GRID	7.10E-07	1.42E-02	1.20E-02	-1.00E+00	387130.2	3753922	11
1509	GRID	4.23E-07	1.05E-02	1.14E-02	-1.00E+00	387130.2	3753972	11
1510	GRID	2.65E-07	8.10E-03	1.08E-02	-1.00E+00	387130.2	3754022	11
1511	GRID	1.85E-07	6.65E-03	1.01E-02	-1.00E+00	387130.2	3754072	11
1512	GRID	1.38E-07	5.73E-03	9.36E-03	-1.00E+00	387130.2	3754122	11
1513	GRID	1.09E-07	5.09E-03	8.72E-03	-1.00E+00	387130.2	3754172	11
1514	GRID	8.93E-08	4.59E-03	8.10E-03	-1.00E+00	387130.2	3754222	11
1515	GRID	7.64E-08	4.13E-03	7.55E-03	-1.00E+00	387130.2	3754272	11
1516	GRID	6.80E-08	3.69E-03	7.19E-03	-1.00E+00	387130.2	3754322	11
1517	GRID	6.25E-08	3.34E-03	6.79E-03	-1.00E+00	387130.2	3754372	11
1518	GRID	5.83E-08	2.98E-03	6.52E-03	-1.00E+00	387130.2	3754422	11
1519	GRID	5.56E-08	2.76E-03	6.11E-03	-1.00E+00	387130.2	3754472	11
1520	GRID	5.29E-08	2.49E-03	5.87E-03	-1.00E+00	387130.2	3754522	11
1521	GRID	5.10E-08	2.33E-03	5.54E-03	-1.00E+00	387130.2	3754572	11
1522	GRID	4.88E-08	2.12E-03	5.33E-03	-1.00E+00	387130.2	3754622	11
1523	GRID	4.72E-08	1.99E-03	5.03E-03	-1.00E+00	387130.2	3754672	11
1524	GRID	4.54E-08	1.82E-03	4.86E-03	-1.00E+00	387130.2	3754722	11
1525	GRID	4.42E-08	1.72E-03	4.61E-03	-1.00E+00	387130.2	3754772	11
1526	GRID	5.18E-08	2.38E-03	3.69E-03	-1.00E+00	387180.2	3752772	11
1527	GRID	5.31E-08	2.53E-03	3.89E-03	-1.00E+00	387180.2	3752822	11
1528	GRID	5.45E-08	2.71E-03	4.10E-03	-1.00E+00	387180.2	3752872	11
1529	GRID	5.59E-08	2.90E-03	4.33E-03	-1.00E+00	387180.2	3752922	11
1530	GRID	5.81E-08	3.14E-03	4.60E-03	-1.00E+00	387180.2	3752972	11
1531	GRID	5.99E-08	3.37E-03	4.89E-03	-1.00E+00	387180.2	3753022	11
1532	GRID	6.17E-08	3.63E-03	5.19E-03	-1.00E+00	387180.2	3753072	11
1533	GRID	6.37E-08	3.91E-03	5.51E-03	-1.00E+00	387180.2	3753122	11
1534	GRID	6.64E-08	4.22E-03	5.91E-03	-1.00E+00	387180.2	3753172	11
1535	GRID	6.97E-08	4.55E-03	6.32E-03	-1.00E+00	387180.2	3753222	11
1536	GRID	7.37E-08	4.88E-03	6.76E-03	-1.00E+00	387180.2	3753272	11
1537	GRID	7.93E-08	5.22E-03	7.22E-03	-1.00E+00	387180.2	3753322	11
1538	GRID	8.76E-08	5.57E-03	7.69E-03	-1.00E+00	387180.2	3753372	11
1539	GRID	1.01E-07	6.01E-03	8.29E-03	-1.00E+00	387180.2	3753422	11
1540	GRID	1.23E-07	6.42E-03	8.83E-03	-1.00E+00	387180.2	3753472	11
1541	GRID	1.61E-07	6.93E-03	9.35E-03	-1.00E+00	387180.2	3753522	11

Receptor	Type	Cancer	Chronic	Acute Simp	Acute Max	UTME	UTMN	ZONE
1542	GRID	2.27E-07	7.67E-03	9.90E-03	-1.00E+00	387180.2	3753572	11
1543	GRID	3.22E-07	8.75E-03	1.04E-02	-1.00E+00	387180.2	3753622	11
1544	GRID	4.46E-07	1.02E-02	1.08E-02	-1.00E+00	387180.2	3753672	11
1545	GRID	6.05E-07	1.23E-02	1.11E-02	-1.00E+00	387180.2	3753722	11
1546	GRID	7.92E-07	1.46E-02	1.12E-02	-1.00E+00	387180.2	3753772	11
1547	GRID	9.20E-07	1.61E-02	1.12E-02	-1.00E+00	387180.2	3753822	11
1548	GRID	8.73E-07	1.57E-02	1.11E-02	-1.00E+00	387180.2	3753872	11
1549	GRID	6.58E-07	1.32E-02	1.07E-02	-1.00E+00	387180.2	3753922	11
1550	GRID	4.25E-07	1.02E-02	1.03E-02	-1.00E+00	387180.2	3753972	11
1551	GRID	2.72E-07	7.91E-03	9.79E-03	-1.00E+00	387180.2	3754022	11
1552	GRID	1.88E-07	6.41E-03	9.24E-03	-1.00E+00	387180.2	3754072	11
1553	GRID	1.41E-07	5.47E-03	8.69E-03	-1.00E+00	387180.2	3754122	11
1554	GRID	1.11E-07	4.83E-03	8.11E-03	-1.00E+00	387180.2	3754172	11
1555	GRID	9.07E-08	4.34E-03	7.63E-03	-1.00E+00	387180.2	3754222	11
1556	GRID	7.69E-08	3.96E-03	7.10E-03	-1.00E+00	387180.2	3754272	11
1557	GRID	6.72E-08	3.59E-03	6.73E-03	-1.00E+00	387180.2	3754322	11
1558	GRID	6.03E-08	3.17E-03	6.49E-03	-1.00E+00	387180.2	3754372	11
1559	GRID	5.59E-08	2.87E-03	6.21E-03	-1.00E+00	387180.2	3754422	11
1560	GRID	5.29E-08	2.64E-03	5.88E-03	-1.00E+00	387180.2	3754472	11
1561	GRID	5.03E-08	2.38E-03	5.69E-03	-1.00E+00	387180.2	3754522	11
1562	GRID	4.86E-08	2.23E-03	5.36E-03	-1.00E+00	387180.2	3754572	11
1563	GRID	4.69E-08	2.07E-03	5.11E-03	-1.00E+00	387180.2	3754622	11
1564	GRID	4.53E-08	1.91E-03	4.91E-03	-1.00E+00	387180.2	3754672	11
1565	GRID	4.40E-08	1.81E-03	4.65E-03	-1.00E+00	387180.2	3754722	11
1566	GRID	4.24E-08	1.66E-03	4.52E-03	-1.00E+00	387180.2	3754772	11
1567	GRID	5.30E-08	2.34E-03	3.62E-03	-1.00E+00	387230.2	3752772	11
1568	GRID	5.43E-08	2.50E-03	3.79E-03	-1.00E+00	387230.2	3752822	11
1569	GRID	5.56E-08	2.66E-03	3.99E-03	-1.00E+00	387230.2	3752872	11
1570	GRID	5.69E-08	2.84E-03	4.22E-03	-1.00E+00	387230.2	3752922	11
1571	GRID	5.87E-08	3.05E-03	4.47E-03	-1.00E+00	387230.2	3752972	11
1572	GRID	6.03E-08	3.27E-03	4.72E-03	-1.00E+00	387230.2	3753022	11
1573	GRID	6.18E-08	3.49E-03	5.01E-03	-1.00E+00	387230.2	3753072	11
1574	GRID	6.36E-08	3.73E-03	5.30E-03	-1.00E+00	387230.2	3753122	11
1575	GRID	6.58E-08	3.98E-03	5.63E-03	-1.00E+00	387230.2	3753172	11
1576	GRID	6.95E-08	4.27E-03	6.02E-03	-1.00E+00	387230.2	3753222	11
1577	GRID	7.36E-08	4.54E-03	6.40E-03	-1.00E+00	387230.2	3753272	11
1578	GRID	7.93E-08	4.81E-03	6.79E-03	-1.00E+00	387230.2	3753322	11
1579	GRID	8.72E-08	5.10E-03	7.22E-03	-1.00E+00	387230.2	3753372	11
1580	GRID	1.00E-07	5.48E-03	7.70E-03	-1.00E+00	387230.2	3753422	11
1581	GRID	1.20E-07	5.85E-03	8.15E-03	-1.00E+00	387230.2	3753472	11
1582	GRID	1.55E-07	6.32E-03	8.58E-03	-1.00E+00	387230.2	3753522	11
1583	GRID	2.09E-07	6.98E-03	8.98E-03	-1.00E+00	387230.2	3753572	11
1584	GRID	2.85E-07	7.97E-03	9.43E-03	-1.00E+00	387230.2	3753622	11
1585	GRID	3.81E-07	9.23E-03	9.72E-03	-1.00E+00	387230.2	3753672	11
1586	GRID	5.00E-07	1.09E-02	9.92E-03	-1.00E+00	387230.2	3753722	11
1587	GRID	6.34E-07	1.27E-02	1.00E-02	-1.00E+00	387230.2	3753772	11
1588	GRID	7.34E-07	1.39E-02	9.98E-03	-1.00E+00	387230.2	3753822	11
1589	GRID	7.22E-07	1.38E-02	9.86E-03	-1.00E+00	387230.2	3753872	11
1590	GRID	5.94E-07	1.22E-02	9.70E-03	-1.00E+00	387230.2	3753922	11
1591	GRID	4.19E-07	9.83E-03	9.33E-03	-1.00E+00	387230.2	3753972	11
1592	GRID	2.80E-07	7.72E-03	8.94E-03	-1.00E+00	387230.2	3754022	11
1593	GRID	1.94E-07	6.23E-03	8.50E-03	-1.00E+00	387230.2	3754072	11
1594	GRID	1.44E-07	5.26E-03	8.06E-03	-1.00E+00	387230.2	3754122	11
1595	GRID	1.13E-07	4.61E-03	7.59E-03	-1.00E+00	387230.2	3754172	11
1596	GRID	9.26E-08	4.13E-03	7.11E-03	-1.00E+00	387230.2	3754222	11
1597	GRID	7.83E-08	3.76E-03	6.74E-03	-1.00E+00	387230.2	3754272	11
1598	GRID	6.76E-08	3.40E-03	6.36E-03	-1.00E+00	387230.2	3754322	11
1599	GRID	6.04E-08	3.14E-03	6.04E-03	-1.00E+00	387230.2	3754372	11
1600	GRID	5.48E-08	2.80E-03	5.84E-03	-1.00E+00	387230.2	3754422	11
1601	GRID	5.09E-08	2.52E-03	5.66E-03	-1.00E+00	387230.2	3754472	11
1602	GRID	4.87E-08	2.36E-03	5.35E-03	-1.00E+00	387230.2	3754522	11
1603	GRID	4.64E-08	2.13E-03	5.20E-03	-1.00E+00	387230.2	3754572	11
1604	GRID	4.51E-08	2.01E-03	4.91E-03	-1.00E+00	387230.2	3754622	11
1605	GRID	4.34E-08	1.84E-03	4.79E-03	-1.00E+00	387230.2	3754672	11
1606	GRID	4.23E-08	1.74E-03	4.54E-03	-1.00E+00	387230.2	3754722	11
1607	GRID	4.13E-08	1.65E-03	4.33E-03	-1.00E+00	387230.2	3754772	11
1608	GRID	5.40E-08	2.30E-03	3.52E-03	-1.00E+00	387280.2	3752772	11
1609	GRID	5.52E-08	2.45E-03	3.70E-03	-1.00E+00	387280.2	3752822	11
1610	GRID	5.64E-08	2.60E-03	3.90E-03	-1.00E+00	387280.2	3752872	11
1611	GRID	5.75E-08	2.76E-03	4.10E-03	-1.00E+00	387280.2	3752922	11
1612	GRID	5.86E-08	2.93E-03	4.32E-03	-1.00E+00	387280.2	3752972	11
1613	GRID	6.04E-08	3.14E-03	4.57E-03	-1.00E+00	387280.2	3753022	11
1614	GRID	6.17E-08	3.33E-03	4.82E-03	-1.00E+00	387280.2	3753072	11
1615	GRID	6.34E-08	3.53E-03	5.09E-03	-1.00E+00	387280.2	3753122	11
1616	GRID	6.58E-08	3.74E-03	5.38E-03	-1.00E+00	387280.2	3753172	11
1617	GRID	6.97E-08	3.99E-03	5.74E-03	-1.00E+00	387280.2	3753222	11
1618	GRID	7.38E-08	4.21E-03	6.05E-03	-1.00E+00	387280.2	3753272	11
1619	GRID	7.91E-08	4.44E-03	6.40E-03	-1.00E+00	387280.2	3753322	11
1620	GRID	8.71E-08	4.72E-03	6.78E-03	-1.00E+00	387280.2	3753372	11
1621	GRID	9.90E-08	5.02E-03	7.17E-03	-1.00E+00	387280.2	3753422	11
1622	GRID	1.18E-07	5.37E-03	7.54E-03	-1.00E+00	387280.2	3753472	11
1623	GRID	1.49E-07	5.81E-03	7.88E-03	-1.00E+00	387280.2	3753522	11
1624	GRID	1.93E-07	6.41E-03	8.21E-03	-1.00E+00	387280.2	3753572	11
1625	GRID	2.54E-07	7.26E-03	8.55E-03	-1.00E+00	387280.2	3753622	11
1626	GRID	3.30E-07	8.36E-03	8.79E-03	-1.00E+00	387280.2	3753672	11
1627	GRID	4.23E-07	9.69E-03	8.95E-03	-1.00E+00	387280.2	3753722	11
1628	GRID	5.25E-07	1.11E-02	9.02E-03	-1.00E+00	387280.2	3753772	11
1629	GRID	6.02E-07	1.21E-02	8.99E-03	-1.00E+00	387280.2	3753822	11
1630	GRID	6.12E-07	1.22E-02	8.88E-03	-1.00E+00	387280.2	3753872	11
1631	GRID	5.35E-07	1.12E-02	8.76E-03	-1.00E+00	387280.2	3753922	11
1632	GRID	4.06E-07	9.35E-03	8.49E-03	-1.00E+00	387280.2	3753972	11
1633	GRID	2.87E-07	7.51E-03	8.18E-03	-1.00E+00	387280.2	3754022	11
1634	GRID	2.02E-07	6.08E-03	7.83E-03	-1.00E+00	387280.2	3754072	11
1635	GRID	1.49E-07	5.10E-03	7.46E-03	-1.00E+00	387280.2	3754122	11
1636	GRID	1.16E-07	4.43E-03	7.09E-03	-1.00E+00	387280.2	3754172	11
1637	GRID	9.49E-08	3.95E-03	6.71E-03	-1.00E+00	387280.2	3754222	11
1638	GRID	8.02E-08	3.59E-03	6.30E-03	-1.00E+00	387280.2	3754272	11

Receptor	Type	Cancer	Chronic	Acute Simp	Acute Max	UTME	UTMN	ZONE
1639	GRID	6.89E-08	3.25E-03	6.08E-03	-1.00E+00	387280.2	3754322	11
1640	GRID	6.10E-08	3.00E-03	5.72E-03	-1.00E+00	387280.2	3754372	11
1641	GRID	5.45E-08	2.67E-03	5.61E-03	-1.00E+00	387280.2	3754422	11
1642	GRID	5.01E-08	2.44E-03	5.36E-03	-1.00E+00	387280.2	3754472	11
1643	GRID	4.71E-08	2.26E-03	5.16E-03	-1.00E+00	387280.2	3754522	11
1644	GRID	4.46E-08	2.04E-03	5.03E-03	-1.00E+00	387280.2	3754572	11
1645	GRID	4.32E-08	1.93E-03	4.78E-03	-1.00E+00	387280.2	3754622	11
1646	GRID	4.21E-08	1.83E-03	4.53E-03	-1.00E+00	387280.2	3754672	11
1647	GRID	4.10E-08	1.71E-03	4.36E-03	-1.00E+00	387280.2	3754722	11
1648	GRID	3.98E-08	1.59E-03	4.22E-03	-1.00E+00	387280.2	3754772	11
1649	GRID	5.48E-08	2.26E-03	3.45E-03	-1.00E+00	387330.2	3752772	11
1650	GRID	5.58E-08	2.39E-03	3.61E-03	-1.00E+00	387330.2	3752822	11
1651	GRID	5.67E-08	2.52E-03	3.78E-03	-1.00E+00	387330.2	3752872	11
1652	GRID	5.76E-08	2.67E-03	3.97E-03	-1.00E+00	387330.2	3752922	11
1653	GRID	5.86E-08	2.82E-03	4.16E-03	-1.00E+00	387330.2	3752972	11
1654	GRID	6.03E-08	3.00E-03	4.41E-03	-1.00E+00	387330.2	3753022	11
1655	GRID	6.16E-08	3.16E-03	4.64E-03	-1.00E+00	387330.2	3753072	11
1656	GRID	6.35E-08	3.33E-03	4.88E-03	-1.00E+00	387330.2	3753122	11
1657	GRID	6.60E-08	3.51E-03	5.15E-03	-1.00E+00	387330.2	3753172	11
1658	GRID	6.99E-08	3.72E-03	5.43E-03	-1.00E+00	387330.2	3753222	11
1659	GRID	7.38E-08	3.91E-03	5.73E-03	-1.00E+00	387330.2	3753272	11
1660	GRID	7.88E-08	4.11E-03	6.03E-03	-1.00E+00	387330.2	3753322	11
1661	GRID	8.59E-08	4.33E-03	6.35E-03	-1.00E+00	387330.2	3753372	11
1662	GRID	9.83E-08	4.63E-03	6.68E-03	-1.00E+00	387330.2	3753422	11
1663	GRID	1.17E-07	4.96E-03	6.97E-03	-1.00E+00	387330.2	3753472	11
1664	GRID	1.44E-07	5.38E-03	7.26E-03	-1.00E+00	387330.2	3753522	11
1665	GRID	1.81E-07	5.92E-03	7.53E-03	-1.00E+00	387330.2	3753572	11
1666	GRID	2.30E-07	6.63E-03	7.75E-03	-1.00E+00	387330.2	3753622	11
1667	GRID	2.93E-07	7.60E-03	8.00E-03	-1.00E+00	387330.2	3753672	11
1668	GRID	3.68E-07	8.70E-03	8.12E-03	-1.00E+00	387330.2	3753722	11
1669	GRID	4.50E-07	9.85E-03	8.16E-03	-1.00E+00	387330.2	3753772	11
1670	GRID	5.12E-07	1.07E-02	8.15E-03	-1.00E+00	387330.2	3753822	11
1671	GRID	5.30E-07	1.09E-02	8.07E-03	-1.00E+00	387330.2	3753872	11
1672	GRID	4.84E-07	1.01E-02	7.92E-03	-1.00E+00	387330.2	3753922	11
1673	GRID	3.93E-07	8.83E-03	7.76E-03	-1.00E+00	387330.2	3753972	11
1674	GRID	2.92E-07	7.27E-03	7.52E-03	-1.00E+00	387330.2	3754022	11
1675	GRID	2.11E-07	5.94E-03	7.23E-03	-1.00E+00	387330.2	3754072	11
1676	GRID	1.56E-07	4.96E-03	6.92E-03	-1.00E+00	387330.2	3754122	11
1677	GRID	1.20E-07	4.28E-03	6.61E-03	-1.00E+00	387330.2	3754172	11
1678	GRID	9.78E-08	3.80E-03	6.29E-03	-1.00E+00	387330.2	3754222	11
1679	GRID	8.23E-08	3.44E-03	5.98E-03	-1.00E+00	387330.2	3754272	11
1680	GRID	7.07E-08	3.11E-03	5.70E-03	-1.00E+00	387330.2	3754322	11
1681	GRID	6.23E-08	2.87E-03	5.46E-03	-1.00E+00	387330.2	3754372	11
1682	GRID	5.52E-08	2.56E-03	5.35E-03	-1.00E+00	387330.2	3754422	11
1683	GRID	5.05E-08	2.39E-03	5.08E-03	-1.00E+00	387330.2	3754472	11
1684	GRID	4.64E-08	2.16E-03	4.97E-03	-1.00E+00	387330.2	3754522	11
1685	GRID	4.39E-08	2.04E-03	4.72E-03	-1.00E+00	387330.2	3754572	11
1686	GRID	4.17E-08	1.85E-03	4.62E-03	-1.00E+00	387330.2	3754622	11
1687	GRID	4.05E-08	1.76E-03	4.41E-03	-1.00E+00	387330.2	3754672	11
1688	GRID	3.96E-08	1.67E-03	4.19E-03	-1.00E+00	387330.2	3754722	11
1689	GRID	3.84E-08	1.53E-03	4.11E-03	-1.00E+00	387330.2	3754772	11
1690	GRID	5.52E-08	2.20E-03	3.35E-03	-1.00E+00	387380.2	3752772	11
1691	GRID	5.60E-08	2.32E-03	3.52E-03	-1.00E+00	387380.2	3752822	11
1692	GRID	5.67E-08	2.44E-03	3.67E-03	-1.00E+00	387380.2	3752872	11
1693	GRID	5.75E-08	2.57E-03	3.84E-03	-1.00E+00	387380.2	3752922	11
1694	GRID	5.84E-08	2.70E-03	4.02E-03	-1.00E+00	387380.2	3752972	11
1695	GRID	6.02E-08	2.85E-03	4.25E-03	-1.00E+00	387380.2	3753022	11
1696	GRID	6.17E-08	2.99E-03	4.45E-03	-1.00E+00	387380.2	3753072	11
1697	GRID	6.37E-08	3.14E-03	4.68E-03	-1.00E+00	387380.2	3753122	11
1698	GRID	6.62E-08	3.29E-03	4.89E-03	-1.00E+00	387380.2	3753172	11
1699	GRID	7.00E-08	3.47E-03	5.17E-03	-1.00E+00	387380.2	3753222	11
1700	GRID	7.37E-08	3.63E-03	5.42E-03	-1.00E+00	387380.2	3753272	11
1701	GRID	7.85E-08	3.81E-03	5.68E-03	-1.00E+00	387380.2	3753322	11
1702	GRID	8.57E-08	4.02E-03	5.95E-03	-1.00E+00	387380.2	3753372	11
1703	GRID	9.81E-08	4.30E-03	6.23E-03	-1.00E+00	387380.2	3753422	11
1704	GRID	1.15E-07	4.60E-03	6.48E-03	-1.00E+00	387380.2	3753472	11
1705	GRID	1.39E-07	4.99E-03	6.71E-03	-1.00E+00	387380.2	3753522	11
1706	GRID	1.72E-07	5.49E-03	6.93E-03	-1.00E+00	387380.2	3753572	11
1707	GRID	2.13E-07	6.11E-03	7.12E-03	-1.00E+00	387380.2	3753622	11
1708	GRID	2.67E-07	6.94E-03	7.32E-03	-1.00E+00	387380.2	3753672	11
1709	GRID	3.29E-07	7.86E-03	7.42E-03	-1.00E+00	387380.2	3753722	11
1710	GRID	3.96E-07	8.80E-03	7.44E-03	-1.00E+00	387380.2	3753772	11
1711	GRID	4.50E-07	9.52E-03	7.42E-03	-1.00E+00	387380.2	3753822	11
1712	GRID	4.73E-07	9.74E-03	7.36E-03	-1.00E+00	387380.2	3753872	11
1713	GRID	4.46E-07	9.27E-03	7.24E-03	-1.00E+00	387380.2	3753922	11
1714	GRID	3.81E-07	8.29E-03	7.14E-03	-1.00E+00	387380.2	3753972	11
1715	GRID	2.97E-07	6.99E-03	6.92E-03	-1.00E+00	387380.2	3754022	11
1716	GRID	2.21E-07	5.79E-03	6.69E-03	-1.00E+00	387380.2	3754072	11
1717	GRID	1.64E-07	4.84E-03	6.44E-03	-1.00E+00	387380.2	3754122	11
1718	GRID	1.26E-07	4.15E-03	6.18E-03	-1.00E+00	387380.2	3754172	11
1719	GRID	1.01E-07	3.66E-03	5.91E-03	-1.00E+00	387380.2	3754222	11
1720	GRID	8.48E-08	3.31E-03	5.64E-03	-1.00E+00	387380.2	3754272	11
1721	GRID	7.27E-08	2.99E-03	5.44E-03	-1.00E+00	387380.2	3754322	11
1722	GRID	6.39E-08	2.76E-03	5.14E-03	-1.00E+00	387380.2	3754372	11
1723	GRID	5.65E-08	2.46E-03	5.12E-03	-1.00E+00	387380.2	3754422	11
1724	GRID	5.12E-08	2.30E-03	4.86E-03	-1.00E+00	387380.2	3754472	11
1725	GRID	4.65E-08	2.08E-03	4.78E-03	-1.00E+00	387380.2	3754522	11
1726	GRID	4.35E-08	1.96E-03	4.56E-03	-1.00E+00	387380.2	3754572	11
1727	GRID	4.09E-08	1.81E-03	4.40E-03	-1.00E+00	387380.2	3754622	11
1728	GRID	3.93E-08	1.69E-03	4.27E-03	-1.00E+00	387380.2	3754672	11
1729	GRID	3.82E-08	1.61E-03	4.08E-03	-1.00E+00	387380.2	3754722	11
1730	GRID	3.74E-08	1.53E-03	3.90E-03	-1.00E+00	387380.2	3754772	11
1731	GRID	5.49E-08	2.13E-03	3.27E-03	-1.00E+00	387430.2	3752772	11
1732	GRID	5.58E-08	2.24E-03	3.41E-03	-1.00E+00	387430.2	3752822	11
1733	GRID	5.65E-08	2.34E-03	3.56E-03	-1.00E+00	387430.2	3752872	11
1734	GRID	5.72E-08	2.46E-03	3.72E-03	-1.00E+00	387430.2	3752922	11
1735	GRID	5.82E-08	2.57E-03	3.88E-03	-1.00E+00	387430.2	3752972	11

Receptor	Type	Cancer	Chronic	Acute Simp	Acute Max	UTME	UTMN	ZONE
1736	GRID	6.02E-08	2.71E-03	4.09E-03	-1.00E+00	387430.2	3753022	11
1737	GRID	6.18E-08	2.83E-03	4.27E-03	-1.00E+00	387430.2	3753072	11
1738	GRID	6.39E-08	2.95E-03	4.46E-03	-1.00E+00	387430.2	3753122	11
1739	GRID	6.63E-08	3.08E-03	4.67E-03	-1.00E+00	387430.2	3753172	11
1740	GRID	6.99E-08	3.24E-03	4.92E-03	-1.00E+00	387430.2	3753222	11
1741	GRID	7.35E-08	3.39E-03	5.14E-03	-1.00E+00	387430.2	3753272	11
1742	GRID	7.85E-08	3.55E-03	5.36E-03	-1.00E+00	387430.2	3753322	11
1743	GRID	8.59E-08	3.74E-03	5.57E-03	-1.00E+00	387430.2	3753372	11
1744	GRID	9.81E-08	4.00E-03	5.82E-03	-1.00E+00	387430.2	3753422	11
1745	GRID	1.14E-07	4.29E-03	6.03E-03	-1.00E+00	387430.2	3753472	11
1746	GRID	1.36E-07	4.65E-03	6.23E-03	-1.00E+00	387430.2	3753522	11
1747	GRID	1.65E-07	5.10E-03	6.42E-03	-1.00E+00	387430.2	3753572	11
1748	GRID	2.01E-07	5.64E-03	6.55E-03	-1.00E+00	387430.2	3753622	11
1749	GRID	2.48E-07	6.36E-03	6.71E-03	-1.00E+00	387430.2	3753672	11
1750	GRID	3.02E-07	7.13E-03	6.79E-03	-1.00E+00	387430.2	3753722	11
1751	GRID	3.59E-07	7.92E-03	6.82E-03	-1.00E+00	387430.2	3753772	11
1752	GRID	4.07E-07	8.54E-03	6.81E-03	-1.00E+00	387430.2	3753822	11
1753	GRID	4.31E-07	8.77E-03	6.75E-03	-1.00E+00	387430.2	3753872	11
1754	GRID	4.19E-07	8.50E-03	6.68E-03	-1.00E+00	387430.2	3753922	11
1755	GRID	3.70E-07	7.75E-03	6.57E-03	-1.00E+00	387430.2	3753972	11
1756	GRID	3.00E-07	6.69E-03	6.40E-03	-1.00E+00	387430.2	3754022	11
1757	GRID	2.31E-07	5.63E-03	6.19E-03	-1.00E+00	387430.2	3754072	11
1758	GRID	1.74E-07	4.73E-03	6.00E-03	-1.00E+00	387430.2	3754122	11
1759	GRID	1.33E-07	4.05E-03	5.78E-03	-1.00E+00	387430.2	3754172	11
1760	GRID	1.06E-07	3.55E-03	5.55E-03	-1.00E+00	387430.2	3754222	11
1761	GRID	8.77E-08	3.19E-03	5.34E-03	-1.00E+00	387430.2	3754272	11
1762	GRID	7.48E-08	2.88E-03	5.15E-03	-1.00E+00	387430.2	3754322	11
1763	GRID	6.57E-08	2.65E-03	4.93E-03	-1.00E+00	387430.2	3754372	11
1764	GRID	5.81E-08	2.37E-03	4.84E-03	-1.00E+00	387430.2	3754422	11
1765	GRID	5.24E-08	2.21E-03	4.66E-03	-1.00E+00	387430.2	3754472	11
1766	GRID	4.73E-08	2.00E-03	4.59E-03	-1.00E+00	387430.2	3754522	11
1767	GRID	4.37E-08	1.88E-03	4.37E-03	-1.00E+00	387430.2	3754572	11
1768	GRID	4.10E-08	1.78E-03	4.21E-03	-1.00E+00	387430.2	3754622	11
1769	GRID	3.85E-08	1.63E-03	4.12E-03	-1.00E+00	387430.2	3754672	11
1770	GRID	3.72E-08	1.55E-03	3.96E-03	-1.00E+00	387430.2	3754722	11
1771	GRID	3.62E-08	1.48E-03	3.78E-03	-1.00E+00	387430.2	3754772	11
1772	GRID	5.44E-08	2.05E-03	3.17E-03	-1.00E+00	387480.2	3752772	11
1773	GRID	5.55E-08	2.15E-03	3.32E-03	-1.00E+00	387480.2	3752822	11
1774	GRID	5.61E-08	2.25E-03	3.45E-03	-1.00E+00	387480.2	3752872	11
1775	GRID	5.70E-08	2.35E-03	3.59E-03	-1.00E+00	387480.2	3752922	11
1776	GRID	5.81E-08	2.45E-03	3.76E-03	-1.00E+00	387480.2	3752972	11
1777	GRID	6.02E-08	2.56E-03	3.92E-03	-1.00E+00	387480.2	3753022	11
1778	GRID	6.20E-08	2.67E-03	4.09E-03	-1.00E+00	387480.2	3753072	11
1779	GRID	6.40E-08	2.78E-03	4.27E-03	-1.00E+00	387480.2	3753122	11
1780	GRID	6.63E-08	2.90E-03	4.47E-03	-1.00E+00	387480.2	3753172	11
1781	GRID	6.98E-08	3.04E-03	4.66E-03	-1.00E+00	387480.2	3753222	11
1782	GRID	7.35E-08	3.17E-03	4.86E-03	-1.00E+00	387480.2	3753272	11
1783	GRID	7.87E-08	3.33E-03	5.05E-03	-1.00E+00	387480.2	3753322	11
1784	GRID	8.65E-08	3.51E-03	5.23E-03	-1.00E+00	387480.2	3753372	11
1785	GRID	9.81E-08	3.74E-03	5.44E-03	-1.00E+00	387480.2	3753422	11
1786	GRID	1.14E-07	4.02E-03	5.63E-03	-1.00E+00	387480.2	3753472	11
1787	GRID	1.34E-07	4.35E-03	5.78E-03	-1.00E+00	387480.2	3753522	11
1788	GRID	1.60E-07	4.75E-03	5.94E-03	-1.00E+00	387480.2	3753572	11
1789	GRID	1.92E-07	5.23E-03	6.06E-03	-1.00E+00	387480.2	3753622	11
1790	GRID	2.35E-07	5.85E-03	6.19E-03	-1.00E+00	387480.2	3753672	11
1791	GRID	2.82E-07	6.51E-03	6.25E-03	-1.00E+00	387480.2	3753722	11
1792	GRID	3.33E-07	7.17E-03	6.28E-03	-1.00E+00	387480.2	3753772	11
1793	GRID	3.76E-07	7.70E-03	6.27E-03	-1.00E+00	387480.2	3753822	11
1794	GRID	4.01E-07	7.94E-03	6.22E-03	-1.00E+00	387480.2	3753872	11
1795	GRID	3.98E-07	7.82E-03	6.20E-03	-1.00E+00	387480.2	3753922	11
1796	GRID	3.61E-07	7.24E-03	6.07E-03	-1.00E+00	387480.2	3753972	11
1797	GRID	3.03E-07	6.38E-03	5.93E-03	-1.00E+00	387480.2	3754022	11
1798	GRID	2.40E-07	5.45E-03	5.78E-03	-1.00E+00	387480.2	3754072	11
1799	GRID	1.84E-07	4.62E-03	5.60E-03	-1.00E+00	387480.2	3754122	11
1800	GRID	1.42E-07	3.95E-03	5.42E-03	-1.00E+00	387480.2	3754172	11
1801	GRID	1.12E-07	3.46E-03	5.22E-03	-1.00E+00	387480.2	3754222	11
1802	GRID	9.15E-08	3.09E-03	5.02E-03	-1.00E+00	387480.2	3754272	11
1803	GRID	7.74E-08	2.78E-03	4.90E-03	-1.00E+00	387480.2	3754322	11
1804	GRID	6.76E-08	2.56E-03	4.69E-03	-1.00E+00	387480.2	3754372	11
1805	GRID	5.96E-08	2.29E-03	4.66E-03	-1.00E+00	387480.2	3754422	11
1806	GRID	5.38E-08	2.14E-03	4.43E-03	-1.00E+00	387480.2	3754472	11
1807	GRID	4.84E-08	1.93E-03	4.41E-03	-1.00E+00	387480.2	3754522	11
1808	GRID	4.45E-08	1.82E-03	4.23E-03	-1.00E+00	387480.2	3754572	11
1809	GRID	4.13E-08	1.72E-03	4.02E-03	-1.00E+00	387480.2	3754622	11
1810	GRID	3.84E-08	1.57E-03	4.01E-03	-1.00E+00	387480.2	3754672	11
1811	GRID	3.67E-08	1.50E-03	3.84E-03	-1.00E+00	387480.2	3754722	11
1812	GRID	3.54E-08	1.43E-03	3.68E-03	-1.00E+00	387480.2	3754772	11
1813	GRID	5.40E-08	1.97E-03	3.08E-03	-1.00E+00	387530.2	3752772	11
1814	GRID	5.51E-08	2.07E-03	3.22E-03	-1.00E+00	387530.2	3752822	11
1815	GRID	5.59E-08	2.15E-03	3.33E-03	-1.00E+00	387530.2	3752872	11
1816	GRID	5.68E-08	2.24E-03	3.48E-03	-1.00E+00	387530.2	3752922	11
1817	GRID	5.81E-08	2.32E-03	3.61E-03	-1.00E+00	387530.2	3752972	11
1818	GRID	6.01E-08	2.43E-03	3.77E-03	-1.00E+00	387530.2	3753022	11
1819	GRID	6.20E-08	2.52E-03	3.92E-03	-1.00E+00	387530.2	3753072	11
1820	GRID	6.39E-08	2.62E-03	4.09E-03	-1.00E+00	387530.2	3753122	11
1821	GRID	6.62E-08	2.73E-03	4.25E-03	-1.00E+00	387530.2	3753172	11
1822	GRID	6.93E-08	2.84E-03	4.43E-03	-1.00E+00	387530.2	3753222	11
1823	GRID	7.36E-08	2.98E-03	4.61E-03	-1.00E+00	387530.2	3753272	11
1824	GRID	7.92E-08	3.12E-03	4.76E-03	-1.00E+00	387530.2	3753322	11
1825	GRID	8.72E-08	3.29E-03	4.93E-03	-1.00E+00	387530.2	3753372	11
1826	GRID	9.80E-08	3.50E-03	5.09E-03	-1.00E+00	387530.2	3753422	11
1827	GRID	1.14E-07	3.78E-03	5.26E-03	-1.00E+00	387530.2	3753472	11
1828	GRID	1.32E-07	4.07E-03	5.40E-03	-1.00E+00	387530.2	3753522	11
1829	GRID	1.56E-07	4.43E-03	5.52E-03	-1.00E+00	387530.2	3753572	11
1830	GRID	1.86E-07	4.86E-03	5.62E-03	-1.00E+00	387530.2	3753622	11
1831	GRID	2.25E-07	5.40E-03	5.72E-03	-1.00E+00	387530.2	3753672	11
1832	GRID	2.67E-07	5.96E-03	5.78E-03	-1.00E+00	387530.2	3753722	11

Receptor	Type	Cancer	Chronic	Acute Simp	Acute Max	UTME	UTMN	ZONE
1833	GRID	3.13E-07	6.53E-03	5.80E-03	-1.00E+00	387530.2	3753772	11
1834	GRID	3.53E-07	6.99E-03	5.80E-03	-1.00E+00	387530.2	3753822	11
1835	GRID	3.79E-07	7.23E-03	5.76E-03	-1.00E+00	387530.2	3753872	11
1836	GRID	3.81E-07	7.18E-03	5.72E-03	-1.00E+00	387530.2	3753922	11
1837	GRID	3.54E-07	6.75E-03	5.64E-03	-1.00E+00	387530.2	3753972	11
1838	GRID	3.05E-07	6.06E-03	5.53E-03	-1.00E+00	387530.2	3754022	11
1839	GRID	2.49E-07	5.27E-03	5.39E-03	-1.00E+00	387530.2	3754072	11
1840	GRID	1.95E-07	4.51E-03	5.23E-03	-1.00E+00	387530.2	3754122	11
1841	GRID	1.51E-07	3.87E-03	5.09E-03	-1.00E+00	387530.2	3754172	11
1842	GRID	1.19E-07	3.37E-03	4.92E-03	-1.00E+00	387530.2	3754222	11
1843	GRID	9.61E-08	3.00E-03	4.75E-03	-1.00E+00	387530.2	3754272	11
1844	GRID	8.05E-08	2.69E-03	4.63E-03	-1.00E+00	387530.2	3754322	11
1845	GRID	6.97E-08	2.47E-03	4.47E-03	-1.00E+00	387530.2	3754372	11
1846	GRID	6.13E-08	2.22E-03	4.44E-03	-1.00E+00	387530.2	3754422	11
1847	GRID	5.52E-08	2.07E-03	4.27E-03	-1.00E+00	387530.2	3754472	11
1848	GRID	4.97E-08	1.87E-03	4.21E-03	-1.00E+00	387530.2	3754522	11
1849	GRID	4.55E-08	1.76E-03	4.06E-03	-1.00E+00	387530.2	3754572	11
1850	GRID	4.21E-08	1.67E-03	3.91E-03	-1.00E+00	387530.2	3754622	11
1851	GRID	3.88E-08	1.52E-03	3.85E-03	-1.00E+00	387530.2	3754672	11
1852	GRID	3.66E-08	1.45E-03	3.72E-03	-1.00E+00	387530.2	3754722	11
1853	GRID	3.50E-08	1.38E-03	3.58E-03	-1.00E+00	387530.2	3754772	11
1854	GRID	5.36E-08	1.90E-03	3.00E-03	-1.00E+00	387580.2	3752772	11
1855	GRID	5.48E-08	1.98E-03	3.12E-03	-1.00E+00	387580.2	3752822	11
1856	GRID	5.57E-08	2.05E-03	3.24E-03	-1.00E+00	387580.2	3752872	11
1857	GRID	5.67E-08	2.13E-03	3.35E-03	-1.00E+00	387580.2	3752922	11
1858	GRID	5.80E-08	2.21E-03	3.48E-03	-1.00E+00	387580.2	3752972	11
1859	GRID	5.99E-08	2.30E-03	3.61E-03	-1.00E+00	387580.2	3753022	11
1860	GRID	6.18E-08	2.39E-03	3.77E-03	-1.00E+00	387580.2	3753072	11
1861	GRID	6.37E-08	2.48E-03	3.90E-03	-1.00E+00	387580.2	3753122	11
1862	GRID	6.60E-08	2.57E-03	4.06E-03	-1.00E+00	387580.2	3753172	11
1863	GRID	6.90E-08	2.67E-03	4.21E-03	-1.00E+00	387580.2	3753222	11
1864	GRID	7.40E-08	2.81E-03	4.35E-03	-1.00E+00	387580.2	3753272	11
1865	GRID	7.99E-08	2.94E-03	4.51E-03	-1.00E+00	387580.2	3753322	11
1866	GRID	8.80E-08	3.11E-03	4.65E-03	-1.00E+00	387580.2	3753372	11
1867	GRID	9.87E-08	3.30E-03	4.78E-03	-1.00E+00	387580.2	3753422	11
1868	GRID	1.14E-07	3.55E-03	4.93E-03	-1.00E+00	387580.2	3753472	11
1869	GRID	1.32E-07	3.83E-03	5.07E-03	-1.00E+00	387580.2	3753522	11
1870	GRID	1.54E-07	4.15E-03	5.15E-03	-1.00E+00	387580.2	3753572	11
1871	GRID	1.81E-07	4.53E-03	5.24E-03	-1.00E+00	387580.2	3753622	11
1872	GRID	2.17E-07	5.00E-03	5.33E-03	-1.00E+00	387580.2	3753672	11
1873	GRID	2.56E-07	5.49E-03	5.37E-03	-1.00E+00	387580.2	3753722	11
1874	GRID	2.98E-07	5.98E-03	5.39E-03	-1.00E+00	387580.2	3753772	11
1875	GRID	3.35E-07	6.38E-03	5.38E-03	-1.00E+00	387580.2	3753822	11
1876	GRID	3.63E-07	6.63E-03	5.38E-03	-1.00E+00	387580.2	3753872	11
1877	GRID	3.67E-07	6.61E-03	5.32E-03	-1.00E+00	387580.2	3753922	11
1878	GRID	3.47E-07	6.30E-03	5.25E-03	-1.00E+00	387580.2	3753972	11
1879	GRID	3.07E-07	5.75E-03	5.16E-03	-1.00E+00	387580.2	3754022	11
1880	GRID	2.56E-07	5.07E-03	5.04E-03	-1.00E+00	387580.2	3754072	11
1881	GRID	2.05E-07	4.39E-03	4.92E-03	-1.00E+00	387580.2	3754122	11
1882	GRID	1.61E-07	3.79E-03	4.78E-03	-1.00E+00	387580.2	3754172	11
1883	GRID	1.27E-07	3.30E-03	4.63E-03	-1.00E+00	387580.2	3754222	11
1884	GRID	1.01E-07	2.91E-03	4.54E-03	-1.00E+00	387580.2	3754272	11
1885	GRID	8.42E-08	2.62E-03	4.40E-03	-1.00E+00	387580.2	3754322	11
1886	GRID	7.19E-08	2.37E-03	4.32E-03	-1.00E+00	387580.2	3754372	11
1887	GRID	6.31E-08	2.15E-03	4.24E-03	-1.00E+00	387580.2	3754422	11
1888	GRID	5.64E-08	1.98E-03	4.14E-03	-1.00E+00	387580.2	3754472	11
1889	GRID	5.10E-08	1.82E-03	4.06E-03	-1.00E+00	387580.2	3754522	11
1890	GRID	4.67E-08	1.71E-03	3.89E-03	-1.00E+00	387580.2	3754572	11
1891	GRID	4.28E-08	1.58E-03	3.83E-03	-1.00E+00	387580.2	3754622	11
1892	GRID	3.96E-08	1.48E-03	3.74E-03	-1.00E+00	387580.2	3754672	11
1893	GRID	3.71E-08	1.40E-03	3.60E-03	-1.00E+00	387580.2	3754722	11
1894	GRID	3.49E-08	1.32E-03	3.52E-03	-1.00E+00	387580.2	3754772	11
1895	GRID	5.32E-08	1.82E-03	2.90E-03	-1.00E+00	387630.2	3752772	11
1896	GRID	5.45E-08	1.89E-03	3.02E-03	-1.00E+00	387630.2	3752822	11
1897	GRID	5.55E-08	1.96E-03	3.13E-03	-1.00E+00	387630.2	3752872	11
1898	GRID	5.66E-08	2.03E-03	3.24E-03	-1.00E+00	387630.2	3752922	11
1899	GRID	5.79E-08	2.10E-03	3.35E-03	-1.00E+00	387630.2	3752972	11
1900	GRID	5.94E-08	2.17E-03	3.48E-03	-1.00E+00	387630.2	3753022	11
1901	GRID	6.16E-08	2.26E-03	3.61E-03	-1.00E+00	387630.2	3753072	11
1902	GRID	6.35E-08	2.34E-03	3.75E-03	-1.00E+00	387630.2	3753122	11
1903	GRID	6.59E-08	2.43E-03	3.86E-03	-1.00E+00	387630.2	3753172	11
1904	GRID	6.91E-08	2.53E-03	3.99E-03	-1.00E+00	387630.2	3753222	11
1905	GRID	7.44E-08	2.65E-03	4.14E-03	-1.00E+00	387630.2	3753272	11
1906	GRID	8.07E-08	2.78E-03	4.26E-03	-1.00E+00	387630.2	3753322	11
1907	GRID	8.89E-08	2.94E-03	4.39E-03	-1.00E+00	387630.2	3753372	11
1908	GRID	9.95E-08	3.12E-03	4.51E-03	-1.00E+00	387630.2	3753422	11
1909	GRID	1.14E-07	3.35E-03	4.64E-03	-1.00E+00	387630.2	3753472	11
1910	GRID	1.31E-07	3.60E-03	4.73E-03	-1.00E+00	387630.2	3753522	11
1911	GRID	1.52E-07	3.89E-03	4.82E-03	-1.00E+00	387630.2	3753572	11
1912	GRID	1.79E-07	4.24E-03	4.91E-03	-1.00E+00	387630.2	3753622	11
1913	GRID	2.11E-07	4.64E-03	4.96E-03	-1.00E+00	387630.2	3753672	11
1914	GRID	2.48E-07	5.07E-03	5.02E-03	-1.00E+00	387630.2	3753722	11
1915	GRID	2.86E-07	5.49E-03	5.02E-03	-1.00E+00	387630.2	3753772	11
1916	GRID	3.21E-07	5.85E-03	5.01E-03	-1.00E+00	387630.2	3753822	11
1917	GRID	3.48E-07	6.10E-03	5.02E-03	-1.00E+00	387630.2	3753872	11
1918	GRID	3.55E-07	6.10E-03	4.97E-03	-1.00E+00	387630.2	3753922	11
1919	GRID	3.41E-07	5.88E-03	4.90E-03	-1.00E+00	387630.2	3753972	11
1920	GRID	3.08E-07	5.44E-03	4.81E-03	-1.00E+00	387630.2	3754022	11
1921	GRID	2.63E-07	4.87E-03	4.72E-03	-1.00E+00	387630.2	3754072	11
1922	GRID	2.15E-07	4.27E-03	4.62E-03	-1.00E+00	387630.2	3754122	11
1923	GRID	1.71E-07	3.71E-03	4.49E-03	-1.00E+00	387630.2	3754172	11
1924	GRID	1.35E-07	3.23E-03	4.39E-03	-1.00E+00	387630.2	3754222	11
1925	GRID	1.08E-07	2.84E-03	4.31E-03	-1.00E+00	387630.2	3754272	11
1926	GRID	8.86E-08	2.55E-03	4.18E-03	-1.00E+00	387630.2	3754322	11
1927	GRID	7.45E-08	2.26E-03	4.18E-03	-1.00E+00	387630.2	3754372	11
1928	GRID	6.51E-08	2.09E-03	4.06E-03	-1.00E+00	387630.2	3754422	11
1929	GRID	5.76E-08	1.89E-03	4.04E-03	-1.00E+00	387630.2	3754472	11

Receptor	Type	Cancer	Chronic	Acute Simp	Acute Max	UTME	UTMN	ZONE
1930	GRID	5.23E-08	1.77E-03	3.90E-03	-1.00E+00	387630.2	3754522	11
1931	GRID	4.79E-08	1.66E-03	3.77E-03	-1.00E+00	387630.2	3754572	11
1932	GRID	4.37E-08	1.52E-03	3.72E-03	-1.00E+00	387630.2	3754622	11
1933	GRID	4.05E-08	1.44E-03	3.61E-03	-1.00E+00	387630.2	3754672	11
1934	GRID	3.78E-08	1.36E-03	3.49E-03	-1.00E+00	387630.2	3754722	11
1935	GRID	3.51E-08	1.26E-03	3.46E-03	-1.00E+00	387630.2	3754772	11
1936	GRID	5.29E-08	1.75E-03	2.82E-03	-1.00E+00	387680.2	3752772	11
1937	GRID	5.43E-08	1.81E-03	2.92E-03	-1.00E+00	387680.2	3752822	11
1938	GRID	5.53E-08	1.87E-03	3.02E-03	-1.00E+00	387680.2	3752872	11
1939	GRID	5.64E-08	1.93E-03	3.13E-03	-1.00E+00	387680.2	3752922	11
1940	GRID	5.77E-08	2.00E-03	3.24E-03	-1.00E+00	387680.2	3752972	11
1941	GRID	5.91E-08	2.06E-03	3.34E-03	-1.00E+00	387680.2	3753022	11
1942	GRID	6.13E-08	2.15E-03	3.47E-03	-1.00E+00	387680.2	3753072	11
1943	GRID	6.33E-08	2.22E-03	3.58E-03	-1.00E+00	387680.2	3753122	11
1944	GRID	6.59E-08	2.30E-03	3.70E-03	-1.00E+00	387680.2	3753172	11
1945	GRID	6.94E-08	2.40E-03	3.81E-03	-1.00E+00	387680.2	3753222	11
1946	GRID	7.50E-08	2.52E-03	3.93E-03	-1.00E+00	387680.2	3753272	11
1947	GRID	8.15E-08	2.64E-03	4.05E-03	-1.00E+00	387680.2	3753322	11
1948	GRID	8.98E-08	2.79E-03	4.15E-03	-1.00E+00	387680.2	3753372	11
1949	GRID	1.00E-07	2.95E-03	4.25E-03	-1.00E+00	387680.2	3753422	11
1950	GRID	1.14E-07	3.17E-03	4.37E-03	-1.00E+00	387680.2	3753472	11
1951	GRID	1.31E-07	3.39E-03	4.45E-03	-1.00E+00	387680.2	3753522	11
1952	GRID	1.51E-07	3.65E-03	4.52E-03	-1.00E+00	387680.2	3753572	11
1953	GRID	1.77E-07	3.98E-03	4.60E-03	-1.00E+00	387680.2	3753622	11
1954	GRID	2.06E-07	4.33E-03	4.65E-03	-1.00E+00	387680.2	3753672	11
1955	GRID	2.40E-07	4.70E-03	4.69E-03	-1.00E+00	387680.2	3753722	11
1956	GRID	2.75E-07	5.07E-03	4.69E-03	-1.00E+00	387680.2	3753772	11
1957	GRID	3.10E-07	5.41E-03	4.70E-03	-1.00E+00	387680.2	3753822	11
1958	GRID	3.35E-07	5.62E-03	4.69E-03	-1.00E+00	387680.2	3753872	11
1959	GRID	3.44E-07	5.65E-03	4.64E-03	-1.00E+00	387680.2	3753922	11
1960	GRID	3.35E-07	5.49E-03	4.59E-03	-1.00E+00	387680.2	3753972	11
1961	GRID	3.08E-07	5.14E-03	4.52E-03	-1.00E+00	387680.2	3754022	11
1962	GRID	2.68E-07	4.67E-03	4.45E-03	-1.00E+00	387680.2	3754072	11
1963	GRID	2.23E-07	4.14E-03	4.35E-03	-1.00E+00	387680.2	3754122	11
1964	GRID	1.81E-07	3.62E-03	4.26E-03	-1.00E+00	387680.2	3754172	11
1965	GRID	1.43E-07	3.16E-03	4.20E-03	-1.00E+00	387680.2	3754222	11
1966	GRID	1.15E-07	2.79E-03	4.09E-03	-1.00E+00	387680.2	3754272	11
1967	GRID	9.37E-08	2.50E-03	3.97E-03	-1.00E+00	387680.2	3754322	11
1968	GRID	7.79E-08	2.21E-03	4.00E-03	-1.00E+00	387680.2	3754372	11
1969	GRID	6.75E-08	2.03E-03	3.87E-03	-1.00E+00	387680.2	3754422	11
1970	GRID	5.93E-08	1.84E-03	3.88E-03	-1.00E+00	387680.2	3754472	11
1971	GRID	5.36E-08	1.72E-03	3.75E-03	-1.00E+00	387680.2	3754522	11
1972	GRID	4.90E-08	1.62E-03	3.63E-03	-1.00E+00	387680.2	3754572	11
1973	GRID	4.48E-08	1.48E-03	3.62E-03	-1.00E+00	387680.2	3754622	11
1974	GRID	4.15E-08	1.40E-03	3.47E-03	-1.00E+00	387680.2	3754672	11
1975	GRID	3.85E-08	1.31E-03	3.42E-03	-1.00E+00	387680.2	3754722	11
1976	GRID	3.58E-08	1.23E-03	3.35E-03	-1.00E+00	387680.2	3754772	11
1977	GRID	5.26E-08	1.67E-03	2.73E-03	-1.00E+00	387730.2	3752772	11
1978	GRID	5.40E-08	1.73E-03	2.83E-03	-1.00E+00	387730.2	3752822	11
1979	GRID	5.50E-08	1.79E-03	2.92E-03	-1.00E+00	387730.2	3752872	11
1980	GRID	5.62E-08	1.85E-03	3.03E-03	-1.00E+00	387730.2	3752922	11
1981	GRID	5.74E-08	1.90E-03	3.12E-03	-1.00E+00	387730.2	3752972	11
1982	GRID	5.88E-08	1.96E-03	3.21E-03	-1.00E+00	387730.2	3753022	11
1983	GRID	6.10E-08	2.04E-03	3.34E-03	-1.00E+00	387730.2	3753072	11
1984	GRID	6.31E-08	2.11E-03	3.44E-03	-1.00E+00	387730.2	3753122	11
1985	GRID	6.60E-08	2.19E-03	3.53E-03	-1.00E+00	387730.2	3753172	11
1986	GRID	6.98E-08	2.28E-03	3.62E-03	-1.00E+00	387730.2	3753222	11
1987	GRID	7.57E-08	2.39E-03	3.74E-03	-1.00E+00	387730.2	3753272	11
1988	GRID	8.23E-08	2.51E-03	3.84E-03	-1.00E+00	387730.2	3753322	11
1989	GRID	9.06E-08	2.65E-03	3.93E-03	-1.00E+00	387730.2	3753372	11
1990	GRID	1.01E-07	2.81E-03	4.03E-03	-1.00E+00	387730.2	3753422	11
1991	GRID	1.15E-07	3.00E-03	4.13E-03	-1.00E+00	387730.2	3753472	11
1992	GRID	1.30E-07	3.20E-03	4.19E-03	-1.00E+00	387730.2	3753522	11
1993	GRID	1.49E-07	3.44E-03	4.25E-03	-1.00E+00	387730.2	3753572	11
1994	GRID	1.74E-07	3.73E-03	4.32E-03	-1.00E+00	387730.2	3753622	11
1995	GRID	2.02E-07	4.04E-03	4.36E-03	-1.00E+00	387730.2	3753672	11
1996	GRID	2.33E-07	4.37E-03	4.40E-03	-1.00E+00	387730.2	3753722	11
1997	GRID	2.66E-07	4.70E-03	4.40E-03	-1.00E+00	387730.2	3753772	11
1998	GRID	2.99E-07	5.00E-03	4.41E-03	-1.00E+00	387730.2	3753822	11
1999	GRID	3.23E-07	5.19E-03	4.39E-03	-1.00E+00	387730.2	3753872	11
2000	GRID	3.33E-07	5.24E-03	4.36E-03	-1.00E+00	387730.2	3753922	11
2001	GRID	3.28E-07	5.13E-03	4.33E-03	-1.00E+00	387730.2	3753972	11
2002	GRID	3.06E-07	4.86E-03	4.26E-03	-1.00E+00	387730.2	3754022	11
2003	GRID	2.72E-07	4.46E-03	4.20E-03	-1.00E+00	387730.2	3754072	11
2004	GRID	2.31E-07	4.00E-03	4.10E-03	-1.00E+00	387730.2	3754122	11
2005	GRID	1.89E-07	3.53E-03	4.03E-03	-1.00E+00	387730.2	3754172	11
2006	GRID	1.52E-07	3.10E-03	3.98E-03	-1.00E+00	387730.2	3754222	11
2007	GRID	1.22E-07	2.74E-03	3.89E-03	-1.00E+00	387730.2	3754272	11
2008	GRID	9.84E-08	2.40E-03	3.91E-03	-1.00E+00	387730.2	3754322	11
2009	GRID	8.20E-08	2.16E-03	3.81E-03	-1.00E+00	387730.2	3754372	11
2010	GRID	7.02E-08	1.98E-03	3.72E-03	-1.00E+00	387730.2	3754422	11
2011	GRID	6.12E-08	1.79E-03	3.71E-03	-1.00E+00	387730.2	3754472	11
2012	GRID	5.50E-08	1.68E-03	3.60E-03	-1.00E+00	387730.2	3754522	11
2013	GRID	4.98E-08	1.53E-03	3.58E-03	-1.00E+00	387730.2	3754572	11
2014	GRID	4.58E-08	1.44E-03	3.49E-03	-1.00E+00	387730.2	3754622	11
2015	GRID	4.25E-08	1.37E-03	3.38E-03	-1.00E+00	387730.2	3754672	11
2016	GRID	3.92E-08	1.26E-03	3.34E-03	-1.00E+00	387730.2	3754722	11
2017	GRID	3.66E-08	1.20E-03	3.24E-03	-1.00E+00	387730.2	3754772	11
2018	GRID	3.28E-07	9.43E-03	1.36E-02	-1.00E+00	386492	3753952	11
2019	GRID	3.76E-07	9.99E-03	1.42E-02	-1.00E+00	386512	3753951	11
2020	GRID	4.14E-07	1.04E-02	1.47E-02	-1.00E+00	386525	3753950	11
2021	GRID	4.06E-07	1.03E-02	1.45E-02	-1.00E+00	386525	3753957	11
2022	GRID	3.96E-07	1.01E-02	1.43E-02	-1.00E+00	386525	3753965	11
2023	GRID	4.28E-07	1.04E-02	1.47E-02	-1.00E+00	386536.8	3753967	11
2024	GRID	4.86E-07	1.10E-02	1.52E-02	-1.00E+00	386556.7	3753969	11
2025	GRID	5.47E-07	1.17E-02	1.58E-02	-1.00E+00	386576.5	3753972	11
2026	GRID	5.93E-07	1.24E-02	1.63E-02	-1.00E+00	386596.3	3753975	11

Receptor	Type	Cancer	Chronic	Acute Simp	Acute Max	UTME	UTMN	ZONE
2027	GRID	6.21E-07	1.31E-02	1.69E-02	-1.00E+00	386616.1	3753977	11
2028	GRID	6.34E-07	1.39E-02	1.75E-02	-1.00E+00	386636	3753980	11
2029	GRID	6.37E-07	1.43E-02	1.77E-02	-1.00E+00	386645	3753981	11
2030	GRID	6.38E-07	1.46E-02	1.80E-02	-1.00E+00	386655.8	3753982	11
2031	GRID	6.24E-07	1.52E-02	1.85E-02	-1.00E+00	386675.6	3753985	11
2032	GRID	5.89E-07	1.58E-02	1.89E-02	-1.00E+00	386695.5	3753987	11
2033	GRID	5.53E-07	1.64E-02	1.91E-02	-1.00E+00	386715.4	3753990	11
2034	GRID	5.21E-07	1.65E-02	1.92E-02	-1.00E+00	386735	3753992	11
2035	GRID	5.20E-07	1.65E-02	1.92E-02	-1.00E+00	386735	3753992	11
2036	GRID	4.59E-07	1.51E-02	1.80E-02	-1.00E+00	386732.7	3754012	11
2037	GRID	4.06E-07	1.39E-02	1.68E-02	-1.00E+00	386730.5	3754032	11
2038	GRID	3.63E-07	1.29E-02	1.59E-02	-1.00E+00	386728.2	3754052	11
2039	GRID	3.25E-07	1.18E-02	1.52E-02	-1.00E+00	386726	3754072	11
2040	GRID	2.94E-07	1.09E-02	1.44E-02	-1.00E+00	386723.8	3754092	11
2041	GRID	2.66E-07	9.98E-03	1.38E-02	-1.00E+00	386721.5	3754111	11
2042	GRID	2.61E-07	9.77E-03	1.37E-02	-1.00E+00	386721	3754116	11
2043	GRID	2.43E-07	9.21E-03	1.32E-02	-1.00E+00	386719.3	3754131	11
2044	GRID	2.24E-07	8.66E-03	1.26E-02	-1.00E+00	386717.1	3754151	11
2045	GRID	2.07E-07	7.94E-03	1.22E-02	-1.00E+00	386714.9	3754171	11
2046	GRID	1.92E-07	7.44E-03	1.17E-02	-1.00E+00	386712.7	3754191	11
2047	GRID	1.80E-07	7.05E-03	1.12E-02	-1.00E+00	386710.5	3754211	11
2048	GRID	1.69E-07	6.68E-03	1.07E-02	-1.00E+00	386708.3	3754231	11
2049	GRID	1.60E-07	6.35E-03	1.03E-02	-1.00E+00	386706.1	3754251	11
2050	GRID	1.52E-07	6.04E-03	9.88E-03	-1.00E+00	386703.9	3754271	11
2051	GRID	1.45E-07	5.75E-03	9.50E-03	-1.00E+00	386701.7	3754290	11
2052	GRID	1.43E-07	5.65E-03	9.40E-03	-1.00E+00	386701	3754297	11
2053	GRID	1.46E-07	5.67E-03	9.37E-03	-1.00E+00	386687.8	3754296	11
2054	GRID	1.49E-07	5.65E-03	9.34E-03	-1.00E+00	386667.9	3754293	11
2055	GRID	1.51E-07	5.61E-03	9.29E-03	-1.00E+00	386648	3754291	11
2056	GRID	1.52E-07	5.71E-03	9.08E-03	-1.00E+00	386628.2	3754289	11
2057	GRID	1.51E-07	5.69E-03	8.96E-03	-1.00E+00	386608.3	3754286	11
2058	GRID	1.49E-07	5.62E-03	8.89E-03	-1.00E+00	386588.4	3754284	11
2059	GRID	1.46E-07	5.55E-03	8.80E-03	-1.00E+00	386568.6	3754282	11
2060	GRID	1.42E-07	5.46E-03	8.70E-03	-1.00E+00	386548.7	3754279	11
2061	GRID	1.39E-07	5.51E-03	8.41E-03	-1.00E+00	386528.8	3754277	11
2062	GRID	1.35E-07	5.43E-03	8.24E-03	-1.00E+00	386509	3754275	11
2063	GRID	1.30E-07	5.32E-03	8.11E-03	-1.00E+00	386489.1	3754272	11
2064	GRID	1.26E-07	5.19E-03	7.97E-03	-1.00E+00	386469.2	3754270	11
2065	GRID	1.22E-07	5.05E-03	7.86E-03	-1.00E+00	386449.4	3754268	11
2066	GRID	1.17E-07	4.92E-03	7.72E-03	-1.00E+00	386429.5	3754265	11
2067	GRID	1.16E-07	4.90E-03	7.70E-03	-1.00E+00	386426	3754265	11
2068	GRID	1.19E-07	5.04E-03	7.91E-03	-1.00E+00	386429	3754249	11
2069	GRID	1.24E-07	5.23E-03	8.18E-03	-1.00E+00	386432.6	3754229	11
2070	GRID	1.30E-07	5.49E-03	8.38E-03	-1.00E+00	386436.2	3754210	11
2071	GRID	1.36E-07	5.69E-03	8.68E-03	-1.00E+00	386439.8	3754190	11
2072	GRID	1.43E-07	5.91E-03	8.99E-03	-1.00E+00	386443.4	3754170	11
2073	GRID	1.51E-07	6.14E-03	9.31E-03	-1.00E+00	386447	3754151	11
2074	GRID	1.60E-07	6.37E-03	9.64E-03	-1.00E+00	386450.6	3754131	11
2075	GRID	1.71E-07	6.62E-03	1.00E-02	-1.00E+00	386454.3	3754111	11
2076	GRID	1.83E-07	6.88E-03	1.04E-02	-1.00E+00	386457.9	3754091	11
2077	GRID	1.96E-07	7.16E-03	1.07E-02	-1.00E+00	386461.5	3754072	11
2078	GRID	2.06E-07	7.36E-03	1.10E-02	-1.00E+00	386464	3754058	11
2079	GRID	2.11E-07	7.45E-03	1.11E-02	-1.00E+00	386465.5	3754052	11
2080	GRID	2.29E-07	7.78E-03	1.16E-02	-1.00E+00	386470.6	3754033	11
2081	GRID	2.49E-07	8.13E-03	1.21E-02	-1.00E+00	386475.7	3754014	11
2082	GRID	2.71E-07	8.51E-03	1.25E-02	-1.00E+00	386480.9	3753994	11
2083	GRID	2.96E-07	8.91E-03	1.30E-02	-1.00E+00	386486	3753975	11
2084	GRID	3.23E-07	9.35E-03	1.35E-02	-1.00E+00	386491.1	3753956	11
2085	GRID	1.88E-07	7.09E-03	1.07E-02	-1.00E+00	386442	3754049	11
2086	GRID	1.76E-07	6.82E-03	1.04E-02	-1.00E+00	386438.1	3754069	11
2087	GRID	1.65E-07	6.57E-03	1.00E-02	-1.00E+00	386434.2	3754088	11
2088	GRID	1.55E-07	6.33E-03	9.68E-03	-1.00E+00	386430.2	3754108	11
2089	GRID	1.46E-07	6.10E-03	9.35E-03	-1.00E+00	386426.3	3754127	11
2090	GRID	1.42E-07	5.97E-03	9.17E-03	-1.00E+00	386424	3754139	11
2091	GRID	1.37E-07	5.87E-03	9.05E-03	-1.00E+00	386415.8	3754139	11
2092	GRID	1.27E-07	5.64E-03	8.80E-03	-1.00E+00	386395.8	3754139	11
2093	GRID	1.18E-07	5.43E-03	8.53E-03	-1.00E+00	386375.8	3754139	11
2094	GRID	1.09E-07	5.23E-03	8.29E-03	-1.00E+00	386355.8	3754139	11
2095	GRID	1.01E-07	5.03E-03	8.04E-03	-1.00E+00	386335.8	3754139	11
2096	GRID	9.40E-08	4.80E-03	7.90E-03	-1.00E+00	386315.8	3754139	11
2097	GRID	8.78E-08	4.63E-03	7.66E-03	-1.00E+00	386295.8	3754139	11
2098	GRID	8.24E-08	4.47E-03	7.42E-03	-1.00E+00	386275.8	3754139	11
2099	GRID	7.77E-08	4.32E-03	7.23E-03	-1.00E+00	386255.8	3754139	11
2100	GRID	7.37E-08	4.18E-03	7.02E-03	-1.00E+00	386235.8	3754139	11
2101	GRID	7.01E-08	4.04E-03	6.83E-03	-1.00E+00	386215.8	3754139	11
2102	GRID	6.63E-08	3.79E-03	6.84E-03	-1.00E+00	386195.8	3754139	11
2103	GRID	6.41E-08	3.69E-03	6.68E-03	-1.00E+00	386179	3754139	11
2104	GRID	6.42E-08	3.71E-03	6.69E-03	-1.00E+00	386178.8	3754136	11
2105	GRID	6.54E-08	3.81E-03	6.75E-03	-1.00E+00	386177.4	3754116	11
2106	GRID	6.77E-08	3.97E-03	6.69E-03	-1.00E+00	386176	3754096	11
2107	GRID	6.99E-08	4.05E-03	6.76E-03	-1.00E+00	386174.7	3754076	11
2108	GRID	7.23E-08	4.12E-03	6.84E-03	-1.00E+00	386173.3	3754056	11
2109	GRID	7.28E-08	4.13E-03	6.86E-03	-1.00E+00	386173	3754052	11
2110	GRID	7.53E-08	4.25E-03	7.03E-03	-1.00E+00	386189	3754052	11
2111	GRID	7.86E-08	4.40E-03	7.26E-03	-1.00E+00	386209	3754052	11
2112	GRID	8.23E-08	4.56E-03	7.50E-03	-1.00E+00	386229	3754051	11
2113	GRID	8.63E-08	4.73E-03	7.76E-03	-1.00E+00	386249	3754051	11
2114	GRID	9.10E-08	4.92E-03	7.98E-03	-1.00E+00	386269	3754051	11
2115	GRID	9.68E-08	5.15E-03	8.19E-03	-1.00E+00	386289	3754051	11
2116	GRID	1.03E-07	5.35E-03	8.48E-03	-1.00E+00	386309	3754051	11
2117	GRID	1.10E-07	5.57E-03	8.78E-03	-1.00E+00	386329	3754050	11
2118	GRID	1.19E-07	5.80E-03	9.10E-03	-1.00E+00	386349	3754050	11
2119	GRID	1.30E-07	6.04E-03	9.43E-03	-1.00E+00	386369	3754050	11
2120	GRID	1.42E-07	6.30E-03	9.77E-03	-1.00E+00	386389	3754050	11
2121	GRID	1.57E-07	6.58E-03	1.01E-02	-1.00E+00	386409	3754049	11
2122	GRID	1.75E-07	6.88E-03	1.05E-02	-1.00E+00	386429	3754049	11
2123	GRID	2.25E-07	5.86E-03	6.39E-03	-1.00E+00	387456	3753657	11

Receptor	Type	Cancer	Chronic	Acute Simp	Acute Max	UTME	UTMN	ZONE
2124	GRID	2.22E-07	5.70E-03	6.18E-03	-1.00E+00	387475.9	3753659	11
2125	GRID	2.22E-07	5.58E-03	6.02E-03	-1.00E+00	387495.8	3753661	11
2126	GRID	2.22E-07	5.54E-03	5.97E-03	-1.00E+00	387501	3753662	11
2127	GRID	2.16E-07	5.53E-03	6.06E-03	-1.00E+00	387488.7	3753654	11
2128	GRID	2.09E-07	5.53E-03	6.18E-03	-1.00E+00	387472.1	3753643	11
2129	GRID	2.05E-07	5.54E-03	6.28E-03	-1.00E+00	387459	3753634	11
2130	GRID	2.04E-07	5.51E-03	6.24E-03	-1.00E+00	387463.2	3753635	11
2131	GRID	2.03E-07	5.37E-03	6.06E-03	-1.00E+00	387483	3753637	11
2132	GRID	2.02E-07	5.24E-03	5.90E-03	-1.00E+00	387502.9	3753640	11
2133	GRID	2.02E-07	5.22E-03	5.88E-03	-1.00E+00	387505	3753640	11
2134	GRID	2.09E-07	5.43E-03	6.05E-03	-1.00E+00	387488.1	3753646	11
2135	GRID	2.18E-07	5.67E-03	6.24E-03	-1.00E+00	387469.2	3753652	11
2136	GRID	1.27E-07	4.60E-03	7.91E-03	-1.00E+00	386578	3754362	11
2137	GRID	1.23E-07	4.42E-03	7.64E-03	-1.00E+00	386574	3754382	11
2138	GRID	1.19E-07	4.25E-03	7.38E-03	-1.00E+00	386570	3754401	11
2139	GRID	1.16E-07	4.08E-03	7.14E-03	-1.00E+00	386566	3754421	11
2140	GRID	1.12E-07	3.82E-03	7.07E-03	-1.00E+00	386562	3754440	11
2141	GRID	1.11E-07	3.75E-03	6.98E-03	-1.00E+00	386560	3754450	11
2142	GRID	1.11E-07	3.76E-03	7.01E-03	-1.00E+00	386570.1	3754451	11
2143	GRID	1.12E-07	3.79E-03	7.04E-03	-1.00E+00	386590	3754454	11
2144	GRID	1.12E-07	3.82E-03	7.06E-03	-1.00E+00	386609.8	3754456	11
2145	GRID	1.12E-07	3.84E-03	7.10E-03	-1.00E+00	386629.7	3754459	11
2146	GRID	1.12E-07	3.85E-03	7.11E-03	-1.00E+00	386634	3754459	11
2147	GRID	1.14E-07	3.96E-03	7.29E-03	-1.00E+00	386636.1	3754444	11
2148	GRID	1.17E-07	4.12E-03	7.52E-03	-1.00E+00	386638.9	3754424	11
2149	GRID	1.21E-07	4.28E-03	7.77E-03	-1.00E+00	386641.6	3754404	11
2150	GRID	1.25E-07	4.50E-03	7.98E-03	-1.00E+00	386644.4	3754384	11
2151	GRID	1.29E-07	4.78E-03	8.12E-03	-1.00E+00	386647	3754365	11
2152	GRID	1.29E-07	4.78E-03	8.12E-03	-1.00E+00	386646.3	3754365	11
2153	GRID	1.30E-07	4.73E-03	8.06E-03	-1.00E+00	386626.3	3754364	11
2154	GRID	1.30E-07	4.68E-03	8.00E-03	-1.00E+00	386606.3	3754363	11
2155	GRID	1.28E-07	4.63E-03	7.92E-03	-1.00E+00	386586.3	3754362	11
2156	GRID	4.98E-08	4.36E-03	6.72E-03	-1.00E+00	386672	3753148	11
2157	GRID	5.17E-08	4.54E-03	6.96E-03	-1.00E+00	386667.8	3753168	11
2158	GRID	5.26E-08	4.62E-03	7.05E-03	-1.00E+00	386666	3753176	11
2159	GRID	5.24E-08	4.61E-03	7.05E-03	-1.00E+00	386677.4	3753176	11
2160	GRID	5.21E-08	4.60E-03	7.08E-03	-1.00E+00	386697.4	3753175	11
2161	GRID	5.21E-08	4.60E-03	7.09E-03	-1.00E+00	386701	3753175	11
2162	GRID	5.06E-08	4.45E-03	6.89E-03	-1.00E+00	386700.4	3753159	11
2163	GRID	4.96E-08	4.35E-03	6.77E-03	-1.00E+00	386700	3753148	11
2164	GRID	4.97E-08	4.36E-03	6.77E-03	-1.00E+00	386690.7	3753148	11
2165	GRID	1.02E-07	5.43E-03	9.60E-03	-1.00E+00	387040.5	3754188	11
2166	GRID	3.60E-07	1.32E-02	1.87E-02	-1.00E+00	386868.1	3753984	11
2167	GRID	1.72E-07	7.12E-03	1.35E-02	-1.00E+00	386838.9	3754140	11
2168	GRID	2.56E-07	8.78E-03	1.23E-02	-1.00E+00	386647	3754137	11
2169	GRID	3.03E-06	3.66E-02	2.98E-02	-1.00E+00	386865.2	3753738	11
2170	GRID	2.64E-06	3.25E-02	2.69E-02	-1.00E+00	386891.9	3753737	11
2171	GRID	1.01E-06	1.73E-02	1.20E-02	-1.00E+00	387148.1	3753866	11
2172	GRID	1.89E-07	6.73E-03	1.01E-02	-1.00E+00	387128.7	3754069	11
2173	GRID	4.47E-07	1.03E-02	1.10E-02	-1.00E+00	387171.2	3753667	11
2174	GRID	1.15E-07	6.10E-03	8.46E-03	-1.00E+00	387196.9	3753458	11
2175	GRID	6.91E-08	5.36E-03	7.56E-03	-1.00E+00	386956.4	3753230	11
2176	GRID	7.34E-08	4.59E-03	6.46E-03	-1.00E+00	387220	3753270	11
2177	GRID	6.14E-08	3.38E-03	4.87E-03	-1.00E+00	387249.3	3753059	11
2178	GRID	4.77E-08	2.65E-03	4.19E-03	-1.00E+00	387010.2	3752829	11
2179	GRID	4.71E-08	2.73E-03	4.33E-03	-1.00E+00	386980.2	3752852	11
2180	GRID	5.25E-08	2.61E-03	5.50E-03	-1.00E+00	387270.7	3754445	11
2181	GRID	6.05E-08	2.86E-03	6.46E-03	-1.00E+00	387030	3754492	11
2182	GRID	9.70E-08	4.32E-03	8.89E-03	-1.00E+00	386847	3754346	11
2183	GRID	7.60E-08	2.56E-03	6.62E-03	-1.00E+00	386797.7	3754590	11
2184	GRID	8.61E-08	2.46E-03	5.47E-03	-1.00E+00	386619.8	3754690	11
2185	GRID	1.34E-07	4.89E-03	8.30E-03	-1.00E+00	386613.5	3754345	11
2186	GRID	7.71E-08	4.18E-03	8.17E-03	-1.00E+00	387052.3	3754292	11
2187	GRID	8.32E-08	3.65E-03	6.41E-03	-1.00E+00	387282.6	3754261	11
2188	GRID	1.16E-07	4.21E-03	6.61E-03	-1.00E+00	387324.7	3754180	11
2189	GRID	6.62E-08	2.86E-03	5.30E-03	-1.00E+00	387367	3754355	11
2190	GRID	7.22E-08	2.53E-03	4.53E-03	-1.00E+00	387527.8	3754359	11
2191	GRID	1.01E-07	3.17E-03	4.94E-03	-1.00E+00	387506.8	3754254	11
2192	GRID	1.60E-07	4.25E-03	5.52E-03	-1.00E+00	387478.1	3754149	11
2193	GRID	2.58E-07	5.88E-03	6.03E-03	-1.00E+00	387456.5	3754054	11
2194	GRID	3.14E-07	5.43E-03	4.74E-03	-1.00E+00	387645.1	3754014	11
2195	GRID	7.65E-08	3.05E-03	4.69E-03	-1.00E+00	387530.8	3753300	11
2196	GRID	3.58E-07	6.35E-03	5.15E-03	-1.00E+00	387608.3	3753886	11
2197	GRID	4.12E-07	8.22E-03	6.41E-03	-1.00E+00	387456.8	3753905	11
2198	GRID	2.56E-07	6.16E-03	6.23E-03	-1.00E+00	387479	3753695	11
2199	GRID	1.24E-07	4.05E-03	5.51E-03	-1.00E+00	387506.3	3753500	11
2200	GRID	7.08E-08	2.41E-03	4.91E-03	-1.00E+00	386221.1	3754560	11
2201	GRID	7.32E-08	2.96E-03	5.66E-03	-1.00E+00	386235.5	3754407	11
2202	GRID	4.39E-08	2.13E-03	4.73E-03	-1.00E+00	385870.7	3754223	11
2203	GRID	5.19E-08	2.90E-03	5.67E-03	-1.00E+00	386039.9	3754155	11
2204	GRID	7.63E-08	4.37E-03	7.24E-03	-1.00E+00	386220.2	3754077	11
2205	GRID	5.82E-08	3.12E-03	6.51E-03	-1.00E+00	386018.6	3753850	11
2206	GRID	3.97E-08	2.28E-03	4.16E-03	-1.00E+00	385773.5	3753648	11
2207	GRID	6.51E-08	3.91E-03	6.53E-03	-1.00E+00	386108.5	3753644	11
2208	GRID	6.21E-08	4.19E-03	6.66E-03	-1.00E+00	386181.9	3753471	11
2209	GRID	4.02E-08	2.43E-03	4.24E-03	-1.00E+00	385850.8	3753447	11
2210	GRID	4.41E-08	3.37E-03	5.12E-03	-1.00E+00	386349.3	3753075	11
2211	GRID	4.80E-08	3.05E-03	4.88E-03	-1.00E+00	386072.3	3753266	11
2212	GRID	4.41E-08	2.62E-03	4.24E-03	-1.00E+00	386006.3	3753179	11
2213	GRID	4.52E-08	2.99E-03	4.61E-03	-1.00E+00	386163.5	3753110	11
2214	GRID	4.94E-08	3.51E-03	5.26E-03	-1.00E+00	386241.1	3753167	11
2215	GRID	4.30E-08	2.52E-03	4.05E-03	-1.00E+00	386018.9	3753108	11
2216	GRID	4.15E-08	3.00E-03	4.63E-03	-1.00E+00	386300.6	3753015	11
2217	GRID	3.96E-08	2.59E-03	4.06E-03	-1.00E+00	386208.2	3752950	11
2218	GRID	3.84E-08	2.63E-03	4.15E-03	-1.00E+00	386350	3752896	11
2219	GRID	3.88E-08	2.50E-03	4.00E-03	-1.00E+00	386459.1	3752815	11
2220	GRID	1.26E-06	2.15E-02	2.45E-02	-1.00E+00	386678.6	3753892	11

Receptor	Type	Cancer	Chronic	Acute Simp	Acute Max	UTME	UTMN	ZONE
2221	GRID	9.36E-07	2.65E-02	2.67E-02	-1.00E+00	386709.4	3753688	11
2222	GRID	3.65E-07	1.58E-02	1.89E-02	-1.00E+00	386720.8	3753584	11
2223	GRID	1.65E-07	1.04E-02	1.39E-02	-1.00E+00	386734.4	3753484	11
2224	GRID	9.43E-08	7.54E-03	1.08E-02	-1.00E+00	386752.3	3753381	11
2225	GRID	6.79E-08	5.88E-03	8.81E-03	-1.00E+00	386768.7	3753283	11
2226	GRID	5.42E-08	4.61E-03	7.16E-03	-1.00E+00	386790	3753175	11
2227	GRID	4.73E-08	3.78E-03	6.01E-03	-1.00E+00	386808.5	3753070	11
2228	GRID	4.19E-08	2.90E-03	4.77E-03	-1.00E+00	386835.5	3752909	11
2229	GRID	3.60E-08	2.53E-03	4.25E-03	-1.00E+00	386675.8	3752826	11
2230	GRID	3.67E-08	2.46E-03	4.04E-03	-1.00E+00	386568.2	3752798	11
2231	GRID	3.88E-08	2.54E-03	4.07E-03	-1.00E+00	386483.9	3752822	11
2232	GRID	6.17E-08	4.86E-03	7.05E-03	-1.00E+00	386483.1	3753234	11
2233	GRID	4.89E-08	3.76E-03	5.60E-03	-1.00E+00	386347.3	3753144	11
2234	GRID	4.52E-08	3.58E-03	5.45E-03	-1.00E+00	386453	3753069	11
2235	GRID	4.80E-08	3.94E-03	5.97E-03	-1.00E+00	386551.4	3753101	11
2236	GRID	5.70E-08	4.84E-03	7.18E-03	-1.00E+00	386606.8	3753196	11
2237	GRID	3.99E-08	3.14E-03	5.05E-03	-1.00E+00	386630.9	3752962	11
2238	GRID	4.09E-08	3.00E-03	4.70E-03	-1.00E+00	386510	3752940	11
2239	GRID	3.87E-08	2.71E-03	4.36E-03	-1.00E+00	386540.1	3752868	11
2240	GRID	3.75E-08	2.81E-03	4.63E-03	-1.00E+00	386652.7	3752897	11
2241	GRID	1.78E-07	6.17E-03	9.45E-03	-1.00E+00	386295.8	3753847	11
2242	GRID	6.24E-08	3.32E-03	6.67E-03	-1.00E+00	386046.1	3753850	11
2243	GRID	7.11E-08	4.13E-03	6.85E-03	-1.00E+00	386137.5	3753643	11
2244	GRID	1.86E-07	6.77E-03	1.03E-02	-1.00E+00	386360.3	3753641	11
2245	GRID	1.14E-07	6.47E-03	9.04E-03	-1.00E+00	386417.2	3753440	11
2246	GRID	6.61E-08	4.43E-03	6.87E-03	-1.00E+00	386220.4	3753443	11
2247	GRID	1.68E-06	2.07E-02	2.46E-02	-1.00E+00	386632	3753792	11
2248	GRID	1.89E-06	2.34E-02	2.65E-02	-1.00E+00	386652	3753792	11
2249	GRID	3.15E-06	2.76E-02	2.93E-02	-1.00E+00	386672	3753792	11
2250	GRID	4.73E-06	3.35E-02	3.43E-02	-1.00E+00	386692	3753792	11
2251	GRID	6.90E-06	4.19E-02	4.15E-02	-1.00E+00	386712	3753792	11
2252	GRID	8.54E-06	5.85E-02	4.86E-02	-1.00E+00	386732	3753792	11
2253	GRID	1.11E-05	9.70E-02	6.82E-02	-1.00E+00	386752	3753792	11
2254	GRID	1.40E-05	5.41E-03	4.06E-03	-1.00E+00	386772	3753792	11
2255	GRID	1.67E-05	1.96E-01	6.87E-02	-1.00E+00	386792	3753792	11
2256	GRID	6.90E-06	1.32E-01	5.57E-02	-1.00E+00	386812	3753792	11
2257	GRID	6.20E-06	1.02E-01	4.56E-02	-1.00E+00	386828.7	3753792	11
2258	GRID	6.40E-06	1.02E-01	4.59E-02	-1.00E+00	386828.7	3753789	11
2259	GRID	6.39E-06	7.36E-02	3.52E-02	-1.00E+00	386828.5	3753769	11
2260	GRID	4.83E-06	5.31E-02	3.75E-02	-1.00E+00	386828.3	3753752	11
2261	GRID	4.93E-06	5.43E-02	3.96E-02	-1.00E+00	386825.5	3753752	11
2262	GRID	9.33E-06	6.68E-02	4.93E-02	-1.00E+00	386805.5	3753752	11
2263	GRID	1.07E-05	7.96E-02	5.36E-02	-1.00E+00	386785.5	3753752	11
2264	GRID	1.01E-05	7.80E-02	5.15E-02	-1.00E+00	386765.5	3753752	11
2265	GRID	8.59E-06	6.17E-02	4.90E-02	-1.00E+00	386745.5	3753752	11
2266	GRID	7.31E-06	4.60E-02	4.38E-02	-1.00E+00	386725.5	3753752	11
2267	GRID	4.76E-06	3.45E-02	3.51E-02	-1.00E+00	386705.5	3753752	11
2268	GRID	1.70E-06	2.81E-02	3.14E-02	-1.00E+00	386685.5	3753752	11
2269	GRID	1.86E-06	2.41E-02	2.70E-02	-1.00E+00	386665.5	3753752	11
2270	GRID	1.77E-06	2.18E-02	2.56E-02	-1.00E+00	386645.5	3753752	11
2271	GRID	1.61E-06	1.99E-02	2.42E-02	-1.00E+00	386629.8	3753752	11
2272	GRID	1.67E-06	2.00E-02	2.40E-02	-1.00E+00	386630	3753757	11
2273	GRID	1.81E-06	2.05E-02	2.43E-02	-1.00E+00	386631.1	3753777	11