



The Boeing Company
Santa Susana Field Laboratory
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Federal Express

November 15, 2011

In reply refer to SHEA-111602

Regional Water Quality Control Board
Los Angeles Region
320 West 4th Street, Suite 200
Los Angeles, CA 90013

Attention: Information Technology Unit

Dear Sir/Madam,

Reference: Compliance File CI-6027 and NPDES No. CA0001309

Subject: Third Quarter 2011 NPDES Discharge Monitoring Report
Submittal – Santa Susana Site

The Boeing Company (Boeing) hereby submits the Third Quarter 2011 Discharge Monitoring Report (DMR) for the Santa Susana Field Laboratory (Santa Susana Site). In conformance with National Pollutant Discharge Elimination System (NPDES) Permit No. CA0001309 (NPDES Permit), this report includes the field actions and results from activities related to the Santa Susana Site surface water outfalls (**Figure 1**) that occurred during the period of July 1 through September 30, 2011 (Third Quarter 2011). Included are summary tables of surface water sample analytical results, rainfall summaries, liquid waste shipment summaries, and surface water sample laboratory analytical reports.

Hard copies of this DMR are available to the public at California State University at Northridge Library; Simi Valley Library; and the Platt Branch of the Los Angeles Library. An electronic version of this DMR is located at:

www.boeing.com/aboutus/environment/santa_susana/programs.html.

THIRD QUARTER 2011 DMR CONTENTS AND DISCHARGE SUMMARY

Figure 1 is a map showing the location of the regulated outfalls for the Santa Susana Site. A summary of the Third Quarter 2011 measured precipitation at the Santa Susana Site is presented in **Appendix A**. All sanitary wastes from the domestic sewage treatment plants (STPs



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The Santa Susana Site experienced no daily rain events that produced greater than 0.1 inch of rainfall within a 24-hour period (see **Appendix A**) and therefore no stormwater related samples were collected in the Third quarter 2011. However, as a result of the Outfall 018 Stormwater Treatment System startup quarterly samples were collected at Outfall 002 and Outfall 018 on July 20-21 and July 19-20, 2011, respectively. Additionally, a quarterly sample was collected at the Arroyo Simi receiving water location in Simi Valley on August 9, 2011. A quarterly sample was collected at Outfall 019 (Groundwater Extraction Treatment System (GETS)) on August 10-11, 2011, and a monthly sample was collected at Outfall 019 on September 7-8, 2011. **Table 1** summarizes the Third Quarter 2011 sampling record by outfall/location where flow was observed, and sample type collected per the requirements of the NPDES Permit.

Date	Outfall/Location	Samples Collected (i.e., grab, composite)
7/19/2011	Outfall 018 (R-2 Pond)	Grab
7/20/2011	Outfall 018 (R-2 Pond)	Composite
	Outfall 002 (South Slope below R-2 Pond)	Grab
7/21/2011	Outfall 002 (South Slope below R-2 Pond)	Composite
8/9/2011	Arroyo Simi Receiving Water	Grab
8/10/2011	Outfall 019 (GETS)	Grab
8/11/2011	Outfall 019 (GETS)	Grab
9/7/2011	Outfall 019 (GETS)	Grab
9/8/2011	Outfall 019 (GETS)	Composite

All samples were submitted to, and analyzed by, a California-certified analytical laboratory per the NPDES Permit requirements. Analytical results from these Third Quarter 2011 surface water samples are presented in tabular form by outfall location, constituents evaluated (analytes), sample dates, and data validation qualifiers in **Appendices C and D**.

A summary table of NPDES Permit effluent limit exceedances and/or benchmark limits based on the surface water analytical data is provided in **Appendix E**. In addition, the results of a reasonable potential analysis (RPA) utilizing updated monitoring data are provided in **Appendix F**. **Appendix G** contains copies of the laboratory analytical reports, chains of custody, and data validation reports.

Included in **Appendices C through F** are a compilation of notes, abbreviations, and data validation codes that are used in the analytical data summary tables.



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SUMMARY OF NONCOMPLIANCE

During the Third Quarter 2011, there was one constituent concentration that exceeded permit limits. The Outfall 019 monthly sample collected on September 7-8, 2011, indicated an elevated concentration of chloride. The referenced instance of noncompliance is summarized further below.

Chloride

Chloride exceeded the NPDES Permit limit of 150 mg/l at Outfall 19 with a result of 170 mg/l in the sample collected on September 7-8, 2011. The elevated concentration was caused from an overdosing of calcium chloride solution into the treatment system. Calcium chloride is being introduced at the end of the treatment processes in order to prevent an NPDES permit exceedance in chronic toxicity. The GETS actively utilizes ion exchange media to remove targeted metals. However the ion exchange media, when brand new is non-selective, and thus initially removes all the metal ions within the process stream. As a result the process water lacks the buffering needed to support aquatic life as determined in the chronic toxicity test. After the system has operated for a period of the time the ion exchange media slowly begins to release the metal ions (calcium, magnesium, potassium, etc.) and only adsorbs those targeted metals for which the media was selected.

Field testing methods including pH, hardness, and alkalinity were used throughout the system to ensure the buffering and other parameters were adequate and within limits, however additional testing to verify overdosing conditions was not performed. When the ion exchange media was replaced in August 2011, the calcium chloride dosing rate was increased to account for lack of buffering in the process water but was not decreased quickly enough thus overcompensating and increasing the buffering (chloride) in the process water.

The following corrective measure was enacted in an effort to prevent this occurrence from happening in the future. Following an ion exchange media change-out, the system will initially be started in "recycle" and the operator will check for hardness and chloride at several sample locations using HACH® field test kits. After verifying the levels are with NPDES permit limits the system will be returned to "normal" operation and allowed to discharge to Outfall 019.

THIRD QUARTER 2011 SITE-WIDE STORM WATER POLLUTION PREVENTION PLAN (SWPPP)/BEST MANAGEMENT PRACTICES (BMP) ACTIVITIES

During the Third Quarter, Boeing continued to implement the site-wide Storm Water Pollution Prevention Plan (SWPPP) throughout the Third Quarter 2011. Boeing conducted monthly, and pre-storm season inspections as required by the site-wide SWPPP to identify and mitigate any

on-site conditions identified that may affect the quality of storm water runoff from the Santa Susana Site in accordance with the State of California General Industrial Storm Water Permit (No. CAS000001) (General Permit) SWPPP requirements. Inspections are performed according to the SWPPP requirements in Order No. 2009-0009-DWQ effective July 1st, 2010; and are conducted quarterly during the non-rainy season.

Specific BMP activities at each outfall location may include inspections of erosion and sediment control BMPs, flume and sample box condition, surface water catchment or sedimentation basin condition, liner integrity, filter media condition, system pump and conveyance condition, and retention tank inspection. General maintenance and housekeeping of outfalls may include removal of sediment, removal of leaf litter, filter media replacement, liner repair or replacement, implementation of additional BMPs, and weed abatement. The BMP inspections during the Third Quarter 2011 were completed monthly during the dry season.

In addition to the maintenance activities at the outfalls and outfall sample locations, areas near the outfalls may be affected by the disturbance of soil as a result of remediation and demolition activities. Efforts to plan and implement BMPs for pre- and post-soil disturbance activities for demolition and Interim Source Removal Action (ISRA) areas are discussed in Table 1 and summarized further in sections below.

Table 1 below is a summary of the specific BMP activities by outfall location that were conducted during the Third Quarter 2011.

Table 1: Boeing's BMP Activities during the Third Quarter 2011

OUTFALL (Location)	BMP ACTIVITIES DURING THIRD QUARTER 2011
001 (South Slope below Perimeter Pond)	Inspected the outfall and flume for any excess sediment/debris. Observed the sediment and erosion controls around the perimeter of the outfall and OF001 drainage. Checked sample box, flow meter control box for the presence of debris and/or animals. Flow meter reset and tape replaced on monthly basis.
002 (South Slope below R-2 Pond)	Conducted sediment and erosion control inspections around the perimeter of outfall and OF002 drainage. Checked sample box, flow meter control box for the presence of debris and/or animals. Flow meter reset and tape replaced on monthly basis.
003 (RMHF)	Conducted sediment and erosion control inspections. Inspected flume and outfall for any excess sediment/debris. Maintenance inspections were conducted of the structural BMPs including the stormwater retention basin, conveyance and filter system. Checked sample box, flow meter control box for spiders and presence of the presence of debris and/or

OUTFALL (Location)	BMP ACTIVITIES DURING THIRD QUARTER 2011
	animals. Flow meter reset and tape replaced on monthly basis.
004 (SRE)	Inspected the flume, outfall and liner for any excess sediment/debris. Conducted sediment and erosion control inspections near the outfall. Maintenance inspections and leak tests were conducted of the structural BMPs including the stormwater retention system, conveyance and filter system. Checked sample box, flow meter control box for the presence of debris and/or animals. Flow meter reset and tape replaced on monthly basis.
005 (FSD-1)	Conducted sediment and erosion control inspections. Inspected the outfall and flume for any excess sediment/debris. Completed maintenance inspections and leak checks on structural BMPs including the conveyance and stormwater retention system.
006 (FSD-2)	Inspected the flume, outfall and liner for any excess sediment/debris. Conducted sediment and erosion control inspections near the outfall. Completed maintenance inspections and leak tests on the structural BMPs including the stormwater retention system and filter system. Checked sample box, flow meter control box the presence of debris and/or animals. Flow meter reset and tape replaced on monthly basis.
007 (Building 100)	Conducted sediment and erosion control inspections at perimeter of outfall. Observed the sediment basin liner and outfall for any excess sediment/debris or deficiencies. Completed maintenance inspection of the conveyance system. Checked high level float/switch in sedimentation basin.
008 (Happy Valley)	Conducted sediment and erosion control inspections near the perimeter of the outfall and within the Outfall 008 drainage. Observed the outfall and flume for any excess sediment/debris. Checked sample box, flow meter control box for the presence of debris and/or animals. Flow meter reset and tape replaced on monthly basis. Completed weekly inspections of approximately eight hundred native plants within Outfall 008.
009 (WS-13 Drainage)	Checked sample box, flow meter control box for spiders and presence of rodents/animals. Flow meter reset and tape replaced on monthly basis. Completed weekly inspections of approximately twelve hundred native plants within the Outfall 009 watershed. Maintained and inspected sediment and erosion controls. Installed road maintenance erosion controls along dirt roads and installed rip rap within surface water pathways where erosion was observed. Applied hydromulch to completed ISRA areas and along fire road in Happy Valley. Implemented construction

OUTFALL (Location)	BMP ACTIVITIES DURING THIRD QUARTER 2011
	<p>BMPs prior to ISRA soil removal activities. Completed the B-1 culvert inlet media filter and the retention basin upgrade, and replaced hay bales with check dams and applied hydromulch within the upper drainage area. Installed erosion and sediment controls including geocell, a sand bag berm, a check dam and riprap within the LOX (Liquid Oxygen) area. Installed additional fiber rolls on slope below ISRA Area CTLI-1A.</p>
010 (Building 203)	<p>Maintenance inspections were conducted on structural BMPs including the filter media, conveyance and the stormwater retention system. Added dedicated tanks for additional retention. Removed pump at base of filtration media/system for maintenance. Implemented weed abatement near the outfall. Maintained and inspected sediment and erosion controls within areas of disturbance or sparse vegetation. Checked sample box, flow meter control box for the presence of debris and/or animals. Flow meter reset and tape replaced on monthly basis.</p>
011 (Perimeter Pond)	<p>Conducted sediment and erosion control inspections at flume, drainage area, perimeter of outfall and pond. Checked sample box, flow meter control box for the presence of debris and/or animals. Flow meter reset and tape replaced on monthly basis.</p>
012 (ALFA Test Stand)	<p>Maintenance inspections were conducted on structural BMPs including pump, conveyance system and retention tank. Observed condition of the sand bag berm.</p>
013 (BRAVO Test Stand)	<p>Maintenance inspections were conducted on structural BMPs including pump, conveyance system and retention tank. Observed condition of the sand bag berm.</p>
014 (APTF Test Stand)	<p>Maintenance inspections were conducted on structural BMPs Observed the condition and integrity of the liner and berm. .</p>
018 (R-2 Spillway)	<p>Maintenance inspections were conducted on structural BMPs including the filter media and conveyance system. Removed pump at base of filtration media/system for maintenance. Checked sample box, flow meter control box for the presence of debris and/or animals. Flow meter reset and tape replaced on monthly basis.</p>
019 (GETS)	<p>On August 1, 2011, quarterly maintenance was performed on the air compressor and a quarterly system alarm check was completed. On August 5, 2011, a carbon media vessel was replaced.</p>



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Demolition and BMP Plan Related Activities

Boeing is committed to the reinstatement of the site to its natural habitat. Previously active areas are now being demolished and prepared for restoration. During the Third Quarter 2011, demolition of structural features at the Component Testing Laboratory (CTL)-V and Canyon areas were completed and demolition at CTL-III and the inactive Groundwater Treatment Systems in the Area I, II, and III were in progress. Demolition of these areas included the removal of concrete and metal structures, concrete slabs, piping associated with utility conveyance, and asphalt road cover. All debris, metal, concrete, and asphalt was segregated upon removal and transported to a waste or recycling facility per the waste management plan and in accordance with all local, state, and federal regulations. Construction BMPs were implemented before, during and after demolition activities. Once demolition was complete, erosion and controls were installed and have been consistently inspected and evaluated for effectiveness.

As part of the planned demolition activities, the removal of impervious surfaces has been performed throughout the Third Quarter 2011. The removal of impervious surfaces, including asphalt and concrete, is expected to result in lower peak flows, runoff volumes, downstream channel erosion, and pollutant loads. Asphalt removal was performed at the B1436 lower lot from July 27 through August 12, 2011, and at B1324 from August 3 to August 18, 2011.

Outfall 008/009 ISRA and BMP Plan Related Activities

Pursuant to the December 3, 2008 Section 13304 Order issued by the Los Angeles Regional Water Quality Control Board (Regional Board), Boeing has been proceeding with Interim Source Removal Action (ISRA) activities in the Outfall 008 and 009 watersheds to address constituents that have exceeded NPDES Permit limits/benchmarks. ISRA soil removal within Outfall 008 were completed on October 19, 2009 and phase II ISRA soil removal conducted within Outfall 009 was completed during the First Quarter 2011. Phase III ISRA work began in Second Quarter 2011.

During the Third Quarter 2011, Boeing:

- Conducted sediment and erosion control inspections near the perimeter of Outfall 008 and within the Outfall 008 drainage.
- Observed Outfall 008 and 009 flumes for any excess sediment/debris, checked the sample boxes and flow meter control boxes for spiders and presence of rodents/animals, and reset the flow meters and replaced tape on monthly basis.
- Completed weekly inspections of approximately eight hundred native plants with Outfall 008 and approximately twelve hundred native plants within the Outfall 009 watershed.

- Applied hydromulch to completed ISRA area IEL-2 and along fire road in Happy Valley.
- Reviewed non-ISRA COC results for IEL-2 confirmation samples during a teleconference with RWQCB and DTSC.
- Conducted pre-excavation activities at ISRA areas AP/STP-1E-1 and AP/STP-1E-3 including vegetation clearance, pre-excavation boundary survey, and installation of construction BMPs;
- Completed excavations and collected confirmation soil samples at ISRA areas AP/STP-1E-1 and AP/STP-1E-3;
- The Surface Water Expert Panel hosted a public meeting in Simi Valley and the presentation slides have been posted to the ISRA website;
- In coordination with the Surface Water Expert Panel:
 - Began preparation of the 2011-2012 BMP and Performance Monitoring Sampling and Analysis Plan for the 008/009 Watersheds;
 - Continued construction planning activities for the treatment BMP in the Lower Parking Lot Soil Stockpile area, including contractor selection, discussions with Southern California Edison (SCE) about work within their easement and revising Ventura County grading permit application. A meeting with SCE was held on September 20, 2011 and a design package was sent for their review in late September;
 - Continued evaluation of compost sample results, collected from three vendors, for the potential onsite use of compost;
- Completed the Performance Monitoring and BMP Monitoring Summary Report for the 2010-2011 Rainy Season, including Surface Water Expert Panel memoranda as appendices, and submitted the report to the RWQCB on July 29, 2011 (MWH, et al, 2011);
- Completed the BMP Plan Addendum, which includes conceptual designs for the new BMP recommendations presented in the 2010/2011 Rainy Season Report, and submitted the report to the RWQCB on September 30, 2011;
- Completed construction of the B-1 culvert inlet media filter and modifications to the B1-2 retention basin;
- Replaced hay bales with check dams and applied hydromulch within the upper drainage area above the B-1 culvert inlet media filter;
- Completed construction activities associated with the LOX erosion controls except for work planned on the Northern Drainage slope due to permit requirements;
- Placed rock for outlet erosion control downstream of two culverts under a dirt road near the Area II Landfill and constructed rolling dips along the Area II Road;
- Installed additional fiber rolls on slope at ISRA area CTLI-1A; and
- Conducted SWPPP inspections per the ISRA SWPPP.



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Boeing continues to conduct bi-weekly status meetings, and submit monthly and quarterly progress reports to RWQCB Staff on the progress of the ISRA activities¹. Boeing is committed to the restoration of the ISRA areas immediately following clean-up activities and works closely with the Department of Toxic Substances Control (DTSC) and Surface Water Expert Panel to ensure that restoration is comprehensive.

Northern Drainage Activities

Boeing has actively worked to restore the Northern Drainage following clean-up activities performed under the oversight of the DTSC in accordance with the requirements of Regional Board Cleanup and Abatement Order (CAO) No. R4-2007-0054.

DTSC issued a Certification of Completion on April 29, 2011, stating that the response actions required under the Imminent and Substantial Endangerment Determination and Order and Remedial Action Order (ISE/RA Order), Santa Susana Field Laboratory, Ventura County, California (CAD 093365435 and CA 1800090010) were successfully performed, the contaminants of concern had been removed, and remaining concentrations no longer posed an immediate risk to humans or environmental receptors (DTSC, 2011). Boeing and NASA worked with the Surface Water Expert Panel to develop a site-specific Restoration, Mitigation, and Monitoring Plan (RMMP) for the areas of the Northern Drainage that were subject to this Order. The RMMP was submitted to the RWQCB on October 5, 2011 (Haley & Aldrich, 2011) and provides a detailed summary and conceptual designs for restoration and stabilization of the banks and bottom of the Northern Drainage, as well as mitigation and monitoring for riparian plants removed during remediation. Boeing will continue to collect surface water samples and submit monthly monitoring reports as stated in the CAO for three additional storm events.

Outfalls 011 and 018 Treatment Systems

The construction of the storm water treatment systems (STSs) at Outfalls 011 continued throughout the Third Quarter 2011. The Outfall 018 STS construction activities were completed with optimization of the system being executed during the Third Quarter 2011. Specific details of these activities were as follows:

- Modified discharge piping and manifold at Outfall 018;
- Painted handrails and other miscellaneous equipment at Outfall 011 and 018;
- Optimized the treatment system and performed 24-hour discharge of storm water at Outfall 018;

¹ Available at http://www.boeing.com/aboutus/environment/santa_susana/isra.html

- Processed solids at Outfall 018;
- Conducted flow tests on adjusted ACTIFLO microsand pumps 1 and 2 at Outfall 018;
- Installed air lines for diaphragm pumps at Outfall 018;
- Removed cartridge filters and installed bag filters with revised piping at Outfall 018;
- Removed existing 1"-2" drain lines and installed new 3" drain lines for the sand filters at Outfall 018;
- Installed posts to cover exposed bolts on steel plates to eliminate tripping hazards at Outfall 018;
- Repaired treatment system pumps at Outfall 018;
- Installed ACTIFLO unit at Outfall 011 which included installation of railings/stairwell, piping to chemical box, drain line, hydrocyclones, microsand mixer, PLC, PLC housing, and connecting HMI control to the ACTIFLO PLC;
- Installed granular activated carbon (GAC) units at Outfall 011 which included welding units to plates, and installing piping, pressure relief valves, and air vacuum/air;
- Installed overhead support for chemical and electrical lines throughout Outfall 011;
- Installed sump pump at Outfall 011 which included pouring concrete pads and walls, and installing handrails and piping;
- Installed re-circulation line for sand filters at Outfall 011;
- Welded handrails on buffer and weir tanks at Outfall 011;
- Installed gooseneck, pressure relief valves, and butterfly valves on the effluent line at Outfall 011;
- Installed chemical injection boxes and stainless steel chemical lines throughout the system at Outfall 011;
- Installed instrumentation at Outfall 011 which included construction and installation of analyzer panels, pH meters, turbidity meters, and drain;
- Installed grounding system, electrical wires and conduits throughout the system at Outfall 011;
- Installed and connected pipe to supports and railings on west end of site at Outfall 011;
- Installed backwash pump at Outfall 011;
- Installed overflow lines throughout the system at Outfall 011;
- Installed drain lines for air vents for GAC units and sand filters at Outfall 011;
- Constructed potassium permanganate chemical skid at Outfall 011;
- Installed repaired propeller meters at Outfall 011;
- Poured concrete pad and constructed chemical skid enclosures at Outfall 011;
- Poured concrete pad for office building at Outfall 011;
- Installed flow meters, valves, air compressors, and appurtenances at Outfall 011;
- Installed supports and drain line extension for OCTs at Outfall 011; and
- Hot tapped utility water line at Outfall 011.



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It is anticipated that Outfall 018 STS modification and optimization will be conducted in the Fourth Quarter 2011. The Outfall 011 STS will be completed in the Fourth Quarter 2011 with optimization to be completed throughout the remainder of the wet season and following dry season. Outfall 011 STS modifications will be conducted in 2012. While these systems are currently under construction, storm water control measures are in place to meet water quality objectives including the existing flow through media beds.

REASONABLE POTENTIAL ANALYSIS (RPA)

Analytical sample results accumulated during the Third Quarter 2011 for Outfalls 002, 018, 019 and the Arroyo Simi Receiving Water (RSW-002) sample point were added to the RPA dataset as per the MWH and Flow Science RPA procedures (MWH and Flow Science, 2006). The analytical results for this sampling period did not trigger reasonable potential for any constituents not already regulated under the current NPDES Permit. Complete RPA tables for the outfall monitoring group are provided in **Appendix F**.

DATA VALIDATION AND QUALITY CONTROL DISCUSSION

In accordance with current EPA guidelines and procedures, or as specified in the NPDES Monitoring and Reporting Program, chemical analyses of surface water discharge and receiving water samples were completed at a State of California-certified laboratory. Data validation was performed on the analytical results and quality control elements were found to be within acceptable limits for the analytical methods reported, except as noted on the analytical summary tables. As noted above, measures were implemented by the analytical laboratory to monitor and/or evaluate its low level detections, to analyze for interferences and to ensure that cross contamination does not occur in the future. Laboratory analytical reports, including validation reports and notes, are included in **Appendix G**. Attachment T-A of the NPDES Permit issued to the SSFL presents the State of California Water Resources Control Board (SWRCB or "State Board") minimum levels (MLs) for use in reporting and determining compliance with NPDES Permit limits.

The analytical laboratory achieved these MLs for this reporting period when technically possible. When elevated laboratory reporting limits (RLs) were noted, the laboratory maximum detectable limits (MDLs) remained below the State of California MLs. However, some constituents' daily MDLs in the NPDES Permit are less than their respective MLs, and less than the RL. In cases where the NPDES Permit limit is less than the RL and ML, the RL was used to determine compliance. The specific constituents that have NPDES Permit limits that are less than the RL and ML are: mercury, bis(2-ethylhexyl)phthalate, cyanide, polychlorinated biphenyls (PCBs) (Aroclor congeners), chlordane, DDD, DDE, DDT, dieldrin, toxaphene, and



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chlorpyrifos. These compounds were either not a required analyte or not detected in all of the surface water/receiving water samples collected during Third Quarter 2011.

FACILITY CONTACT

If there are any questions regarding this DMR or its enclosures, you may contact Mr. Paul Costa at (818) 466-8778.

CERTIFICATION

I certify under penalty of law that this document and all appendices were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted.

Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for a knowing violation.

Executed on the 10th of November 2011, at The Boeing Company, Santa Susana Site.

Sincerely,

Thomas D. Gallacher, Site Director
Environment, Health and Safety
Santa Susana Field Laboratory

Figure: 1 Storm Water Drainage System and Outfall Locations

- Appendices:
- A Third Quarter 2011 Rainfall Data Summary
 - B Third Quarter 2011 Liquid Waste Shipment Summary Tables
 - C Third Quarter 2011 Summary Tables, Discharge Monitoring Data
 - D Third Quarter 2011 Radiological Monitoring Data
 - E Third Quarter 2011 Summary of Permit Limit Exceedances
 - F Third Quarter 2011 Reasonable Potential Analysis (RPA) Summary Tables



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G Third Quarter 2011 Analytical Laboratory Reports, Chain-of-Custody, and
Validation Reports

cc: Ms. Cassandra Owens, Regional Water Quality Control Board
Mr. Rick Brausch, Department of Toxic Substances Control
Mr. Gerard Abrams, Department of Toxic Substances Control
Mr. Robert Marshall, California State University – Northridge, Library
Mr. Gabriel Lundeen, Simi Valley Library
Ms. Lynn Light, Platt Branch, Los Angeles Library

California Environmental Protection Agency (EPA) Department of Toxic Substances Control (DTSC), 2011. *"Certification of Completion for Actions Under Imminent and Substantial Endangerment Determination and Order, Docket Number I/SED 07/08-002, Northern Drainage Area, Santa Susana Field Laboratory, Ventura County, California,"* 29 April.

Geosyntec and Expert Panel, 2011. Final 2011 BMP Plan Addendum, Santa Susana Field Laboratory, Ventura County, California, September 30.

Haley & Aldrich, Inc., 2011. Northern Drainage Restoration, Mitigation, and Monitoring Plan (RMMP), Santa Susana Field laboratory, Ventura County, California, October.

MWH Americas, Inc., and Flow Science, 2006. Reasonable Potential Analysis Methodology Technical Memo- Version 1, Final, Santa Susana Field Laboratory, Ventura County, California. April 28.

MWH Americas, Inc., Surface Water Expert Panel, Geosyntec Consultants, and Haley & Aldrich, Inc., 2011. ISRA Performance Monitoring and Potential BMP Subarea Monitoring for the Outfalls 008 and 009 Watersheds, 2010/2011 Rainy Season, Santa Susana Field Laboratory, Ventura County, California. July 29.