

VIA FED EX

July 1, 2011 In reply refer to SHEA-111276

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

Attention: Mr. Peter Raftery

Subject: Second Quarter Progress Report for March 21, 2011 - June 17, 2011 Activity,

Interim Source Removal Action (ISRA) and Best Management Practices (BMP) Plan

Dear Mr. Raftery:

In the Final ISRA Work Plan and the BMP Plan, Boeing and NASA proposed to provide the Los Angeles Regional Water Quality Control Board (RWQCB) with quarterly progress reports until work is complete. This Quarterly Progress Report is submitted for the second quarter 2011. This report summarizes ISRA and BMP Plan activities performed during the period of March 21, 2011 through June 17, 2011.

ISRA activities at the SSFL are being performed pursuant to a California Water Code Section 13304 Cleanup and Abatement Order (CAO) issued by RWQCB dated December 3, 2008. The BMP Plan was prepared pursuant to the National Pollution Discharge Elimination System (NPDES) Permit (Order No. R4-2010-0090) adopted by the RWQCB on June 3, 2010. ISRA and BMP Plan activities are being implemented under oversight of the RWQCB with the objective of achieving compliance with the Waste Discharge Requirements (WDRs) for Outfalls 008 and 009 established in the NPDES Permit.

Per the RWQCB's request, Boeing provides monthly progress reports on the ISRA and BMP Plan activities to the RWQCB Executive Officer. This quarterly progress report is a compilation of the monthly progress reports for the period of March 21, 2011 through June 17, 2011, which are attached to provide the complete list of ISRA and BMP Plan activities performed during the period covered by this quarterly report.

The ISRA and BMP Plan Quarterly Reports are posted on the ISRA website at:

http://www.boeing.com/aboutus/environment/santa\_susana/isra.html



In reply refer to: SHEA-111276

July 1, 2011 Page 2

If you have any questions or require anything further, please contact Art Lenox at 818-466-8795.

Sincerely,

Tom Gallacher

Director

Santa Susana Field Laboratory Environment, Health, and Safety

#### Attachments:

April 2011 Monthly Progress Report (March 21,2011 – April 16, 2011) May 2011 Monthly Progress Report (April 16, 2011 – May 11, 2011) June 2011 Monthly Progress Report (May 12, 2011 to June 17, 2011)

cc: Ms. Cassandra Owens, RWQCB, w/attachments

Mr. Allen Elliott, NASA, w/attachments Mr. Peter Zorba, NASA, w/attachments

Mr. Mark Malinowski, DTSC, w/ attachments

Mr. Buck King, DTSC, w/attachments



The Boeing Company

5800 Woolsey Canyon Road Canoga Park, CA 91304-1148

Date:

4/18/2011

No.:

SHEA-111084

To:

Sam Unger Executive Officer

From:

Tom Gallacher

Director

LA Regional Water Quality Control

Santa Susana

Board

Environmental, Health & Safety

Subject:

April 2011 Monthly Progress Report for March 21, 2011 - April 15, 2011 Activity California Water Code Section 13304 Interim Source Removal Action Order (ISRA)

(NPDES No. CA0001309, CI No. 6027, SCP NO. 1111, Site ID No. 2040109)

Per the Regional Water Board's request, Boeing, on behalf of Boeing and NASA, is providing the following Monthly Progress Report on the Interim Source Removal Action (ISRA) activities for the period of March 21, 2011 to April 15, 2011. In addition, a 30 day Look-Ahead is also provided.

Weekly team meetings have been held to track the ISRA activities since April 16, 2009. During this reporting period, the meeting participants have consisted of RWQCB staff, DTSC staff, Ventura County staff, Storm Water Expert Panel Members, Boeing, and NASA. For the period from mid-March to mid-April, the primary activities associated with 2010 and 2011 ISRA areas have been preparing the ISRA Phase II Implementation Report, designing a final BMP for ISRA area B1-2, and performing pre-excavation activities at ISRA area IEL-2. In addition, inspections of erosion control BMPs were conducted at 2009 and 2010 ISRA areas per the ISRA SWPPP. Erosion control BMPs were implemented at 2009 and 2010 ISRA areas prior to rain events, and performance monitoring was performed during rain events.

Per NPDES Permit (Order R4-2010-0090) adopted by the RWQCB on June 3, 2010, Boeing and NASA, with input from the Storm Water Expert Panel, submitted a BMP Plan and a surface water sampling plan for treatment BMP subarea monitoring and ISRA performance monitoring in Fall 2010. Both documents have been posted to the ISRA website. Boeing with support from the Expert Panel is implementing the surface water sampling plan, reviewing available surface water data, and designing and implementing BMPs. Accomplishments and upcoming actions are listed below.

### Activities Performed – March 21, 2011 to April 15, 2011

- March 21, 2011 April 14, 2011 In coordination with the Expert Panel, continued design
  of final sediment control BMP to be located within ISRA area B1-2 to capture eroded
  sediment and reduce peak flows from the B-1 area.
- March 21, 2011 April 14, 2011 In coordination with the Expert Panel, began design of a treatment BMP in the Lower Parking Lot Soil Stockpile area.

- March 21, 2011 April 14, 2011 In coordination with the Expert Panel, continued development of a conceptual design for a treatment BMP at the B-1 culvert inlet and evaluation of bank stabilization at LOX.
- March 21, 2011 April 14, 2011 In coordination with the Expert Panel, continued development of BMP siting criteria (a process that will be used for evaluating BMP subarea monitoring results to determine where treatment BMPs are needed).
- March 21, 2011 April 14, 2011 In coordination with the Expert Panel, continued evaluation of phytoremediation as a possible remediation strategy for metals in shallow soils.
- March 21, 2011 April 14, 2011 Continued preparation of the Phase II (2010) ISRA Implementation Summary Report.
- March 21, 2011 April 14, 2011 Began preparation activities for Phase III excavation at ISRA area IEL-2.
- March 21-25, 2011 Conducted rain event Performance Monitoring and Treatment BMP Subarea Monitoring, and BMP inspections at 2009 and 2010 ISRA areas per the ISRA SWPPP.
- March 21, 2011 Conducted a field audit of Performance Monitoring and BMP subwatershed sampling.
- March 21, 2011 Held a teleconference with RWQCB and DTSC to review the implementation plan at ISRA area IEL-2.
- March 28, 2011 Conducted weekly BMP inspection at 2009 and 2010 ISRA areas, per the ISRA SWPPP.
- March 29, 2011 Collected soil samples from a potential soil borrow area located adjacent to ISRA area IEL-2.
- March 29, 2011 Collected soil samples at planned ISRA area ELV-1C for waste characterization purposes.
- April 7, 2011 Conducted pre-rain event BMP inspection at 2009 and 2010 ISRA areas, per the ISRA SWPPP.
- April 7-8, 2011 Stormwater Expert Panel site visit to discuss restoration and mitigation/monitoring plans for the Northern Drainage, the phytoremediation study, and BMP planning.
- April 8, 2011 Conducted rain event Performance Monitoring and Treatment BMP Subarea Monitoring, and BMP inspections at 2009 and 2010 ISRA areas per the ISRA SWPPP. No surface water flow was observed, and no samples were collected.

## 30-Day Look ahead - through May 15, 2011

- Boeing/NASA Submit Phase II (2010) Implementation Report to RWQCB.
- Boeing Complete preparation activities for Phase III planned excavation at IEL-2, including utility locating, installation of construction BMPs, field mobilization, pre-field biological

survey, and a final pre-field site walk; and begin Phase III planned excavation activities at IEL-2.

- Boeing Begin offsite disposal of waste soils from ISRA area IEL-2.
- Boeing/NASA Continue non-rainy season biweekly inspections of erosion control BMPs at the 2009, 2010, and 2011 ISRA areas, per the ISRA SWPPP.
- Boeing/Expert Panel Continue design of final sediment control BMP to be located within ISRA area B1-2 to capture eroded sediment and reduce peak flows from the B-1 area.
- Boeing/Expert Panel Continue design of a treatment BMP in the Lower Parking Lot Soil Stockpile area.
- Boeing/Expert Panel Continue development of a conceptual design for a treatment BMP at the B-1 culvert inlet.
- NASA/Expert Panel Continue evaluation of bank stabilization at LOX.
- Boeing/Expert Panel Continue evaluation of phytoremediation as a possible remediation strategy for metals in shallow soils; planned activities include vegetation sampling at the Area III Sewage Treatment Plant Pond and review of results from Edenspace's phase 1 NIH study.
- Expert Panel Continue development of BMP siting criteria and begin preparation of memorandum describing BMP siting criteria approach for submittal to RWQCB.
- Boeing/Expert Panel Continue development of restoration and mitigation/monitoring plans for the Northern Drainage.
- Boeing Perform road rehabilitation of dirt road near Area II Landfill in Outfall 009 watershed.
- Boeing Begin preparation activities for Phase III excavation at AP/STP-1B, AP/STP-1C-1, AP/STP-1C-2, AP/STP-1E-1, AP/STP-1E-2, and AP/STP-1E-3.

Approved By:

Thomas D. Gallacher Director, Santa Susana

**Environment, Health and Safety** 

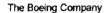
Distribution:

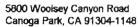
Mr. Peter Raftery, RWQCB

Ms. Cassandra Owens, RWQCB

Mr. Buck King, DTSC

Mr. Allen Elliott, NASA







Date:

5/13/2011

No.:

SHEA-111148

To:

Sam Unger

From:

Tom Gallacher

**Executive Officer** 

Director

LA Regional Water Quality Control

Santa Susana

Board

Environment, Health & Safety

Subject:

May 2011 Monthly Progress Report for April 16, 2011 - May 11, 2011 Activity

California Water Code Section 13304 Interim Source Removal Action Order (ISRA)

(NPDES No. CA0001309, CI No. 6027, SCP NO. 1111, Site ID No. 2040109)

Per the Regional Water Board's request, Boeing, on behalf of Boeing and NASA, is providing the following Monthly Progress Report on the Interim Source Removal Action (ISRA) activities for the period of to April 16, 2011 to May 11, 2011. In addition, a 30 day Look-Ahead is also provided.

Weekly team meetings have been held to track the ISRA activities since April 16, 2009. During this reporting period, the meeting participants have consisted of RWQCB staff, DTSC staff, Ventura County staff, Storm Water Expert Panel Members, Boeing, and NASA. For the period from mid-April to mid-May, the primary activities associated with 2010 and 2011 ISRA areas have been submitting the ISRA Phase II Implementation Report, designing a final BMP for ISRA area B1-2, performing excavation and confirmation sampling activities at ISRA area IEL-2, and offsite transportation of waste soils from IEL-2. Routine inspections of the field work are being conducted by Ventura county and RWQCB. DTSC will be on site when possible. In addition, inspections of erosion control BMPs were conducted at 2009 and 2010 ISRA areas per the ISRA SWPPP.

Per NPDES Permit (Order R4-2010-0090) adopted by the RWQCB on June 3, 2010, Boeing and NASA, with input from the Storm Water Expert Panel, submitted a BMP Plan and a surface water sampling plan for treatment BMP subarea monitoring and ISRA performance monitoring in Fall 2010. Both documents have been posted to the ISRA website. Boeing with support from the Expert Panel is implementing the surface water sampling plan, reviewing available surface water data, and designing and implementing BMPs. Accomplishments and upcoming actions are listed below.

## Activities Performed - April 16, 2011 to May 11, 2011

- April 16, 2011 May 11, 2011 In coordination with the Expert Panel, continued design of final sediment control BMP to be located within ISRA area B1-2 to capture eroded sediment and reduce peak flows from the B-1 area.
- April 16, 2011 May 11, 2011 In coordination with the Expert Panel, continued design of a treatment BMP in the Lower Parking Lot Soil Stockpile area.
- April 16, 2011 May 11, 2011 In coordination with the Expert Panel, completed conceptual design for a treatment BMP at the B-1 culvert inlet and began design.

- April 16, 2011 May 11, 2011 In coordination with the Expert Panel, continued the evaluation of bank stabilization at LOX.
- April 16, 2011 May 11, 2011 In coordination with the Expert Panel, continued development of BMP siting criteria (a process that will be used for evaluating BMP subarea monitoring results to determine where treatment BMPs are needed) and began preparation of a memorandum describing BMP siting criteria approach for submittal to RWQCB.
- April 16, 2011 May 11, 2011 In coordination with the Expert Panel, continued evaluation
  of phytoremediation as a possible remediation strategy for metals in shallow soils.
- April 16, 2011 May 11, 2011 Begin planning activities associated with the removal of the Building 324 parking lot.
- April 16, 2011 April 29, 2011 Completed the Phase II (2010) ISRA Implementation Summary Report and submitted to the RWQCB.
- April 27, 2011 Conducted vegetation clearance at ISRA area IEL-2.
- April 28, 2011 Conducted BMP inspection at 2009 and 2010 ISRA areas, per the ISRA SWPPP.
- April 29, 2011 Installed construction BMPs at ISRA area IEL-2 and conducted final prefield site walk.
- April 29, 2011 Submitted the Phase II (2010) Implementation Report to RWQCB.
- May 2 5, 2011 Completed Phase III planned excavation and offsite disposal of waste soils at ISRA area IEL-2.
- May 4, 2011 Reviewed confirmation sampling plan for ISRA area IEL-2 with RWQCB and DTSC.
- May 6, 2011 Ventura County site visit to inspect the completed 2010 ISRA areas and observe activities at IEL-2.
- May 9, 2011 Collected confirmation soil samples at ISRA area IEL-2. RWQCB onsite to collect split samples.
- May 9 10, 2011 Collected plant samples from the Area III Sewage Treatment Plant Pond
  as part of the study evaluating phytoremediation as a possible remediation strategy for
  metals in shallow soils.

### 30-Day Look ahead - through June 11, 2011

- Boeing/NASA Continue non-rainy season inspections of erosion control BMPs at the 2009, 2010, and 2011 ISRA areas, per the ISRA SWPPP.
- Boeing/Expert Panel Continue design of final sediment control BMP to be located within ISRA area B1-2 to capture eroded sediment and reduce peak flows from the B-1 area.
- Boeing/Expert Panel Continue design of a treatment BMP in the Lower Parking Lot Soil Stockpile area.
- Boeing/Expert Panel Continue design of a treatment BMP at the B-1 culvert inlet.

- NASA/Expert Panel Continue evaluation of bank stabilization at LOX.
- Boeing/Expert Panel Continue evaluation of phytoremediation as a possible remediation strategy for metals in shallow soils; planned activities include reviewing results from Edenspace's phase 1 NIH study and the plant sampling at the Area III Sewage Treatment Plant Pond.
- Expert Panel Complete preparation of memorandum describing BMP siting criteria approach and submit to RWQCB.
- Boeing/Expert Panel Continue development of restoration and mitigation/monitoring plans for the Northern Drainage.
- Boeing Perform road rehabilitation of dirt road near Area II Landfill in Outfall 009 watershed.
- Boeing Continue planning activities associated with removal of the Building 324 parking lot.
- Boeing Begin restoration of ISRA area IEL-2 following receipt of confirmation sample results.
- Boeing Begin preparation activities for Phase III planned excavation at AP/STP-1B, AP/STP-1C-1, AP/STP-1C-2, AP/STP-1E-1, AP/STP-1E-2, and AP/STP-1E-3, including utility clearance, installation of construction BMPs, field mobilization, pre-field biological survey, and final pre-field site walk; and begin Phase III planned excavation activities.
- Boeing Review AP/STP-1B, AP/STP-1C-1, AP/STP-1C-2, AP/STP-1E-1, AP/STP-1E-2, and AP/STP-1E-3 confirmation sampling plan with RWQCB.

Approved By:

Thomas D. Gallacher Director, Santa Susana

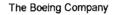
Environment, Health and Safety

Distribution:

Mr. Peter Raftery, RWQCB

Ms. Cassandra Owens, RWQCB

Mr. Buck King, DTSC Mr. Allen Elliott, NASA



5800 Woolsey Canyon Road Canoga Park, CA 91304-1148



Date:

6/27/2011

No.:

SHEA-111269 VIA E MAIL

To:

Sam Unger

Executive Officer

LA Regional Water Quality Control

Board

From:

Tom Gallacher

Director

Santa Susana

Environment, Health & Safety

Subject:

June 2011 Monthly Progress Report for May 12, 2011 - June 17, 2011 Activity

California Water Code Section 13304 Interim Source Removal Action Order (ISRA) (NPDES No. CA0001309, CI No. 6027, SCP NO. 1111, Site ID No. 2040109)

Per the Regional Water Board's request, Boeing, on behalf of Boeing and NASA, is providing the following Monthly Progress Report on the Interim Source Removal Action (ISRA) activities for the period of to May 12, 2011 to June 17, 2011. In addition, a 30 day Look-Ahead is also provided.

Weekly team meetings have been held to track the ISRA activities since April 16, 2009. During this reporting period, the meeting participants have consisted of RWQCB staff, DTSC staff, Ventura County staff, Surface Water Expert Panel Members, Boeing, and NASA. For the period from mid-May to mid-June, the primary activities associated with 2010 and 2011 ISRA areas have been continuing the design of a final BMP for ISRA area B1-2 and completing ISRA area IEL-2, including excavation, confirmation sampling, offsite transportation of waste soils, and site restoration activities. Routine inspections of the field work are being conducted by Ventura county and RWQCB. DTSC will be on site when possible. In addition, inspections of erosion control BMPs were conducted at 2009, 2010 and 2011 ISRA areas per the ISRA SWPPP.

Per NPDES Permit (Order R4-2010-0090) adopted by the RWQCB on June 3, 2010, Boeing and NASA, with input from the Surface Water Expert Panel, submitted a BMP Plan and a surface water sampling plan for treatment BMP subarea monitoring and ISRA performance monitoring in Fall 2010. Both documents have been posted to the ISRA website. Boeing with support from the Expert Panel is implementing the surface water sampling plan, reviewing available surface water data, and designing and implementing BMPs. Accomplishments and upcoming actions are listed below.

### Activities Performed – May 12, 2011 to June 17, 2011

- May 12, 2011 June 17, 2011:
  - In coordination with the Expert Panel, completed design of the final sediment control BMP to be located within ISRA area B1-2 to capture eroded sediment and reduce peak flows from the B-1 area and began construction planning activities.
  - In coordination with the Expert Panel, continued design of a treatment BMP in the Lower Parking Lot Soil Stockpile area, with 90% design drawings under review

- internally and Final/100% design drawings in development, and began construction planning activities.
- In coordination with the Expert Panel, continued design of a treatment BMP at the B-1 culvert inlet, with 60% design drawings under review internally and 90% design drawings in development, and began construction planning activities.
- In coordination with the Expert Panel, continued the evaluation of bank stabilization at LOX. The Expert Panel met with NASA on June 16, 2011 to discuss the proposed erosion control measures and concepts under development.
- In coordination with the Expert Panel, continued analysis of potential BMP subarea monitoring data and development of potential BMP site ranking, with results to be included in the Performance Monitoring/BMP Monitoring Summary Report in July. The Expert Panel met with Boeing and NASA on June 16-17, 2011 to discuss the top ranked treatment BMP sites located on their respective property. Began preparation of a brief summary memorandum describing the general BMP siting approach for submittal to RWQCB prior to the July Annual Report.
- In coordination with the Expert Panel, continued evaluation of phytoremediation as a possible remediation strategy for metals in shallow soils. Reviewed plant sample results and currently discussing subsequent activities.
- In coordination with the Expert Panel, continued preparation of the Performance Monitoring and BMP Monitoring Summary Report for the 2010-2011 Rainy Season.
- In coordination with the Expert Panel, continued development of Restoration and Mitigation/Monitoring Plan for the Northern Drainage, with draft 30% design drawings under review internally and draft 60% design drawings in development. The Expert Panel met with Boeing and NASA on June 16-17, 2011 to discuss the proposed draft channel restoration measures located on their respective property.
- Continued planning activities associated with the removal of the Building 324 parking lot.
- Continued planning activities associated with the removal of asphalt on Sage Ranch adjacent to the Lower Parking Lot Soil Stockpile area; removal to be included in contractor scope to construct the treatment BMP at the Lower Parking Lot and the B-1 culvert inlet, and the upgrade the B-1 sediment basin.
- Continued planning activities associated with road rehabilitation of dirt road near Area II Landfill in Outfall 009 watershed. The Expert Panel met with NASA on June 16, 2011 to discuss the proposed erosion control measures and implementation actions are under development.
- May 13, 2011: Conducted BMP inspections at 2009, 2010, and 2011 ISRA areas per the ISRA SWPPP.

- May 17, 2011 Reviewed IEL-2 confirmation sampling results with RWQCB and DTSC, and received RWQCB and DTSC concurrence on the extent of additional excavation.
- May 17-18, 2011: Conducted rain event performance monitoring and Treatment BMP Subarea monitoring per the monitoring plan, and BMP inspections at 2009, 2010, and 2011 ISRA areas per the ISRA SWPPP.
- May 20-23, 2011: Completed additional excavation and offsite disposal of waste soils at ISRA area IEL-2.
- May 23, 2011: Notified RWQCB and DTSC of the feature encountered and removed during additional excavation activities at ISRA area IEL-2, and presented the post-removal sampling plan.
- May 24, 2011: Collected additional confirmation soil samples at ISRA area IEL-2. RWQCB onsite to collect split samples.
- May 26, 2011 Conducted post-excavation ground-based topographic survey at ISRA area IEL-2.
- May 27, 2011: Conducted BMP inspections at 2009, 2010, and 2011 ISRA areas per the ISRA SWPPP.
- June 2, 2011: Reviewed IEL-2 confirmation sampling results with RWQCB and DTSC, and received RWQCB and DTSC concurrence that excavation at IEL-2 is complete.
- June 6, 2011: Submitted grading permit application package for Lower Parking Lot BMP to Ventura County.
- June 6, 2011: At the request of DTSC, collected a supplemental confirmation soil sample at ISRA area IEL-2 for analysis of VOCs.
- June 6-8, 2011: Completed backfill activities at ISRA area IEL-2.
- June 8, 2011: Submitted a letter to RWQCB, DTSC, and Ventura County to document the plan to revise the truck interval in the ISRA Transportation Plan.
- June 9-10, 2011: Installed erosion control BMPs at ISRA area IEL-2.
- June 10, 2011: Conducted BMP inspections at 2009, 2010, and 2011 ISRA areas per the ISRA SWPPP.
- June 16-17, 2011: The Expert Panel met onsite to discuss the surface water sample results from the performance monitoring and BMP monitoring programs, and BMP recommendations and designs; included meetings and site walks with Boeing and NASA.

Mr. S. Unger, RWQCB (SHEA-111269) June 27, 2011 Page 4

# 30-Day Look ahead - through July 17, 2011

- Boeing/NASA Continue non-rainy season inspections of erosion control BMPs at the 2009, 2010, and 2011 ISRA areas, per the ISRA SWPPP.
- Boeing Conduct the post-restoration ground-based topographic survey at ISRA area IEL-2.
- Boeing/Expert Panel Finalize design of treatment BMP in the Lower Parking Lot Soil Stockpile area, acquire grading permit, select contractor, and continue construction planning activities.
- Boeing/Expert Panel Finalize design of treatment BMP at the B-1 culvert inlet and continue construction planning activities.
- NASA/Expert Panel Continue coordination on short-term erosion control activities, northern drainage restoration planning, and new treatment BMP planning.
- Boeing/Expert Panel Continue evaluation of phytoremediation as a possible remediation strategy for metals in shallow soils; currently discussing subsequent activities based on plant sampling results from the Area III Sewage Treatment Plant Pond.
- Boeing/Expert Panel Continue development of Restoration and Mitigation/Monitoring Plan and design of restoration measures for the Northern Drainage.
- Boeing Continue planning activities associated with construction of the final sediment control BMP located within ISRA area B1-2 to capture eroded sediment and reduce peak flows from the B-1 area.
- Boeing Continue planning activities associated with removal of the Building 324 parking lot.
- Boeing Continue planning activities associated with the removal of asphalt on Sage Ranch adjacent to the Lower Parking Lot Soil Stockpile area.
- Boeing Continue planning activities associated with road rehabilitation of dirt road near Area II Landfill in Outfall 009 watershed.
- Expert Panel Complete memorandum describing BMP site ranking analysis, identify highest priority treatment BMP sites to be included in the Performance Monitoring/BMP Monitoring Summary Report in July, and finalize/submit summary letter to RWQCB.

Mr. S. Unger, RWQCB (SHEA-111269) June 27, 2011 Page 5

- Boeing/NASA/Expert Panel Continue preparing the Performance Monitoring and BMP Monitoring Summary Report for the 2010-2011 Rainy Season.
- Boeing/NASA Conduct preparation activities for Phase III planned excavation at AP/STP.

Approved By:

Thomas D. Gallacher Director, Santa Susana

Environment, Health and Safety

Distribution:

Mr. Peter Raftery, RWQCB

Ms. Cassandra Owens, RWQCB

Mr. Buck King, DTSC Mr. Allen Elliott, NASA