



California Regional Water Quality Control Board

Los Angeles Region



Linda S. Adams
Agency Secretary

Recipient of the 2001 *Environmental Leadership Award* from Keep California Beautiful

Arnold Schwarzenegger
Governor

320 W. 4th Street, Suite 200, Los Angeles, California 90013
Phone (213) 576-6600 FAX (213) 576-6640 - Internet Address: <http://www.waterboards.ca.gov/losangeles>

Mr. Thomas Gallacher
Director, Santa Susana Field Laboratory
The Boeing Company
5800 Woolsey Canyon Road, MC 055-T487
Canoga Park, CA 91304-1148

WATER QUALITY CERTIFICATION FOR PROPOSED CHECK DAM OUTFALL 001 AND BANK STABILIZATION PROJECT (Army Corps of Engineer's Non-Notify Project), UN-NAMED TRIBUTARY TO BELL CREEK, SIMI HILLS, VENTURA COUNTY (File No. 09-224)

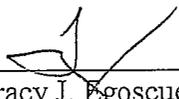
Dear Mr. Gallacher,

Board staff has reviewed your request on behalf of the Boeing Company (Applicant) for a Clean Water Act Section 401 Water Quality Certification for the above-referenced project. Your application was deemed complete on March 9, 2010.

I hereby issue an order certifying that any discharge from the referenced project will comply with the applicable provisions of sections 301 (Effluent Limitations), 302 (Water Quality Related Effluent Limitations), 303 (Water Quality Standards and Implementation Plans), 306 (National Standards of Performance), and 307 (Toxic and Pretreatment Effluent Standards) of the Clean Water Act, and with other applicable requirements of State law. This discharge is also regulated under State Water Resources Control Board Order No. 2003 - 0017 - DWQ, "General Waste Discharge Requirements for Dredge and Fill Discharges that have received State Water Quality Certification" which requires compliance with all conditions of this Water Quality Certification.

The Applicant shall be liable civilly for any violations of this Certification in accordance with the California Water Code. This Certification does not eliminate the Applicant's responsibility to comply with any other applicable laws, requirements and/or permits.

Should you have questions concerning this Certification action, please contact LB Nye, Section 401 Program, at (213) 576-6785.



Tracy J. Egoscue
Executive Officer

3/29/10
Date

California Environmental Protection Agency



Our mission is to preserve and enhance the quality of California's water resources for the benefit of present and future generations.

DISTRIBUTION LIST

Glenn Jaffe
MWH
618 Michilinda Avenue, Suite 200
Arcadia, CA 91007
Bill Orme (via electronic copy)
State Water Resources Control Board
Division of Water Quality
P.O. Box 944213
Sacramento, CA 94244-2130

Jeff Humble
(via electronic copy)
California Department of Fish and Game
Streambed Alteration Team
4949 View Ridge Avenue
San Diego, CA 92123

Antal Szijj
U.S. Army Corps of Engineers
Regulatory Branch, Ventura Field Office
2151 Alessandro Drive, Suite 255
Ventura, CA 93001

Eric Raffini (via electronic copy)
U.S. Environmental Protection Agency, Region 9
75 Hawthorne Street
San Francisco, CA 94105

Diane Noda
U.S. Fish and Wildlife Service
2493 Portola Road, Suite B
Ventura, CA 93003

ATTACHMENT A

**Project Information
File No. 09-224**

1. Applicant: Mr. Thomas Gallacher
The Boeing Company
5800 Woolsey Canyon Road, MC 055-T487
Canoga Park, CA 91304-1148
Phone: (818) 466-8877 Fax: (818) 466-8730
2. Applicant's Agent: Glenn Jaffe
MWH
618 Michilinda Avenue, Suite 200
Arcadia, CA 91007
Phone: (818) 391-4143 Fax: (626) 568-6515
3. Project Name: Outfall 001 Drainage Sediment Control and Bank Stabilization
4. Project Location: Simi Hills, Ventura County

<u>Latitude</u>	<u>Longitude</u>
34.2365	118.6819
34.2382	118.6742
34.2368	118.6781
34.2365	118.6876

5. Type of Project: Stabilization of ephemeral drainage
6. Project Purpose: To minimize sediment transport within and into ephemeral drainage and to Outfall 001 to minimize potential impacts to surface water quality.
7. Project Description: The Project consists of installing a single check dam and placing various media (rip rap, coco matting, plantings, hydro mulch, and/or other materials that are used to stabilized slopes and banks) in and

ATTACHMENT A

Project Information File No. 09-224

adjacent to the ephemeral drainage.

The project will help to minimize sediment transport into the drainage, and help to minimize sediment transport to the NPDES monitoring location (Outfall 001).

Work will be completed manually or with hand held equipment. If necessary to due to size or weight of materials, a loader or backhoe bucket or crane may be used to hoist large or heavy material into the streambed. Heavy equipment such as loader, backhoe or crane will be staged outside the drainage.

The proposed activities have been chosen because they are low-impact activities, can be implemented relatively quickly and will be successful in achieving project goals.

The work will consist of the following:

1. A single Newbury rock riffle check dam will be placed immediately upstream of the outfall. The check dam will be 10 cy in volume.
2. The check dam will be inspected and maintained as necessary, before, during (if possible) and after each run-off producing storm event during the first year. Sediment removal may be done by vacuum or hand equipment.
3. The eroded banks will be stabilized by Turf Reinforcement mat and biotechnical features that use plants, above the ordinary high water mark above Outfall 001.

The proposed check dam will be approximately 10-feet across by 10- to 20-feet long or approximately 200 square feet (0.004 acres). Up to 500 linear feet of rip rap may be placed, and will be approximately 2-feet wide, which will comprise approximately 1000 square feet (0.025 acres). Therefore the total acres to be impacted are approximately 0.03 acres.

- | | |
|--|---|
| 8. Federal Agency/Permit: | U.S. Army Corps of Engineers
NWP No. 13 and 18 (Non-notify) |
| 9. Other Required
Regulatory Approvals: | California Department of Fish and Game
Streambed Alteration Agreement 1600-2003-5052-R5 as amended |
| 10. California | The proposed project is Categorical Exempt from CEQA pursuant |

ATTACHMENT A

Project Information
File No. 09-224

- Environmental Quality Act Compliance: to the CEQA Guidelines, Section 15330, Minor Actions to Prevent, Minimize or Eliminate the Release or Threat of Release of Hazardous Waste or Hazardous Substances.
11. Receiving Water: Unnamed ephemeral drainage, tributary to Bell Creek, tributary to the Los Angeles River (Hydrologic Unit No. 405.21)
12. Designated Beneficial Uses: MUN*, GWR, REC-1, REC-2, WARM, WILD
*Conditional beneficial use
13. Impacted Waters of the United States: Non-wetland waters (streambed): 0.03 permanent acres
14. Dredge Volume: None
15. Related Projects Implemented/to be Implemented by the Applicant:
1. National Pollution Discharge Elimination System (NPDES) CA0001309 Order No. R4-2009-0058.
 2. Cleanup and Abatement Order (CAO) issued by the Los Angeles Regional Water Quality Control Board (RWQCB) dated December 3, 2008. The CAO was issued by the RWQCB to enforce compliance with the Waste Discharge Requirements (WDR) for Outfall 009 (Northern Drainage) contained in Order No. R4-2004-0111, as amended by Order Nos. R4-2006-0008, R4-2006-0036, and R4-2007-0055. Interim Source Removal Actions (ISRA) activities will predominantly involve the removal of sediment and soil containing constituents of concern, from the Northern Drainage and adjacent areas.
 3. Future similar activities may be implemented to continue to improve surface water quality. All these activities are being performed to improve surface water quality, and will not negatively impact the drainage or receiving waters.
16. Avoidance/Minimization The Applicant has proposed to implement several Best Management Practices, including, but not limited to, the following:

ATTACHMENT A

Project Information
File No. 09-224

Activities:

Storm water control best management practices (BMPs) such as the placement of hay bales, sand bags, straw wattles, silt fences, plastic sheeting, and/or other temporary sediment control devices will be deployed.

When operations are completed, excess materials or debris will be removed from the work area.

- 17. Proposed
Compensatory
Mitigation:
- 18. Required
Compensatory
Mitigation:

The Applicant has not proposed any compensatory mitigation.

The Regional Board will not require any compensatory mitigation due to the small size of the project and the continued mitigation requirements of the Streambed Alteration Agreements and the Cleanup and Abatement Orders.

See *Attachment B, Conditions of Certifications, Additional Conditions* for modifications and additions to the above proposed compensatory mitigation.

ATTACHMENT B

Conditions of Certification File No. 09-224

STANDARD CONDITIONS

Pursuant to §3860 of Title 23 of the California Code of Regulations (23 CCR), the following three standard conditions shall apply to this project:

1. This Certification action is subject to modification or revocation upon administrative or judicial review, including review and amendment pursuant to §13330 of the California Water Code and Article 6 (commencing with 23 CCR §3867).
2. This Certification action is not intended and shall not be construed to apply to any activity involving a hydroelectric facility and requiring a Federal Energy Regulatory Commission (FERC) license or an amendment to a FERC license unless the pertinent Certification application was filed pursuant to 23 CCR Subsection 3855(b) and the application specifically identified that a FERC license or amendment to a FERC license for a hydroelectric facility was being sought.
3. Certification is conditioned upon total payment of any fee required pursuant to 23 CCR Chapter 28 and owed by the Applicant.

ADDITIONAL CONDITIONS

Pursuant to 23 CCR §3859(a), the Applicant shall comply with the following additional conditions:

1. The Applicant shall submit to this Regional Board copies of any other final permits and agreements required for this project, including, but not limited to, the U.S. Army Corps of Engineers' (ACOE) Section 404 Permit and the California Department of Fish and Game's (CDFG) Streambed Alteration Agreement. These documents shall be submitted prior to any discharge to waters of the State.
2. The Applicant shall adhere to the most stringent conditions indicated with either this Certification, the CDFG's Streambed Alteration Agreement.
3. The Applicant shall comply with all water quality objectives, prohibitions, and policies set forth in the Water Quality Control Plan, Los Angeles Region (1994), as amended.
4. The Avoidance/Minimization activities proposed by the Applicant as described in Attachment A, No. 16, are incorporated as additional conditions herein.
5. The Applicant and all contractors employed by the Applicant shall have copies of this Certification, and all other regulatory approvals for this project on site at all times and shall be familiar with all conditions set forth.

ATTACHMENT B

Conditions of Certification File No. 09-224

6. Fueling, lubrication, maintenance, operation, and storage of vehicles and equipment shall not result in a discharge or a threatened discharge to waters of the State. At no time shall the Applicant use any vehicle or equipment which leaks any substance that may impact water quality. Staging and storage areas for vehicles and equipment shall be located outside of waters of the State.
7. All excavation, construction, or maintenance activities shall follow best management practices to minimize impacts to water quality and beneficial uses. Dust control activities shall be conducted in such a manner that will not produce downstream runoff.
8. No construction material, spoils, debris, or any other substances associated with this project that may adversely impact water quality standards, shall be located in a manner which may result in a discharge or a threatened discharge to waters of the State. Designated spoil and waste areas shall be visually marked prior to any excavation and/or construction activity, and storage of the materials shall be confined to these areas.
9. All waste and/or dredged material removed shall be relocated to a legal point of disposal if applicable. A legal point of disposal is defined as one for which Waste Discharge Requirements have been established by a California Regional Water Quality Control Board, and is in full compliance therewith. Please contact the Land Disposal Unit, at (213) 620-6119 for further information.
10. The Applicant shall implement all necessary control measures to prevent the degradation of water quality from the proposed project in order to maintain compliance with the Basin Plan. The discharge shall meet all effluent limitations and toxic and effluent standards established to comply with the applicable water quality standards and other appropriate requirements, including the provisions of Sections 301, 302, 303, 306, and 307 of the Clean Water Act. This Certification does not authorize the discharge by the applicant for any other activity than specifically described in the 404 Permit.
11. The discharge shall not: a) degrade surface water communities and populations including vertebrate, invertebrate, and plant species; b) promote the breeding of mosquitoes, gnats, black flies, midges, or other pests; c) alter the color, create visual contrast with the natural appearance, nor cause aesthetically undesirable discoloration of the receiving waters; d) cause formation of sludge deposits; or e) adversely affect any designated beneficial uses.
12. The Applicant shall allow the Regional Board and its authorized representative entry to the premises, including all mitigation sites, to inspect and undertake any activity to determine compliance with this Certification, or as otherwise authorized by the California Water Code.
13. The Applicant shall not conduct any construction activities within waters of the State during a rainfall event. The Applicant shall maintain a **five-day (5-day) clear weather forecast** before conducting any operations within waters of the State.

ATTACHMENT B

Conditions of Certification

File No. 09-224

14. If rain is predicted after operations have begun, grading activities must cease immediately and the site must be stabilized to prevent impacts to water quality, and minimize erosion and runoff from the site.
15. The grading, stabilization and re-vegetation will be phased to limit the exposed or working face such that the graded area can be stabilized within 24 hours after the first prediction of rain during the 5-day forecast or within 24 hours after final grading of the phased area.
16. The Applicant shall utilize the services of a qualified biologist with expertise in riparian assessments during any vegetation clearing activities. The biologist shall be available on site during construction activities to ensure that all protected areas are marked properly and ensure that no vegetation outside the specified areas is removed. The biologist shall have the authority to stop the work, as necessary, if instructions are not followed. The biologist shall be available upon request from this Regional Board for consultation within 24 hours of request of consultation.
17. No activities shall involve wet excavations (i.e., no excavations shall occur below the seasonal high water table). A minimum **5-foot** buffer zone shall be maintained above the existing groundwater level. If construction or groundwater dewatering is proposed or anticipated, the Applicant shall file a **Report of Waste Discharge** to this Regional Board and obtain any necessary NPDES permits/Waste Discharge Requirements prior to discharging waste. Sufficient time should be allowed to obtain any such permits (generally 180 days). If groundwater is encountered without the benefit of appropriate permits, the Applicant shall cease all activities in the areas where groundwater is present, file a Report of Waste Discharge to this Regional Board, and obtain any necessary permits prior to discharging waste.
18. All surface waters, including ponded waters, shall be diverted away from areas undergoing grading, construction, excavation, vegetation removal, and/or any other activity which may result in a discharge to the receiving water. If surface water diversions are anticipated, the Applicant shall develop and submit a **Surface Water Diversion Plan** (plan) to this Regional Board. The plan shall include the proposed method and duration of diversion activities, structure configuration, construction materials, equipment, erosion and sediment controls, and a map or drawing indicating the locations of diversion and discharge points. Contingency measures shall be a part of this plan to address various flow discharge rates. The plan shall be submitted prior to any surface water diversions. If surface flows are present, then upstream and downstream monitoring for the following shall be implemented:
 - pH
 - temperature
 - dissolved oxygen
 - turbidity

ATTACHMENT B

Conditions of Certification File No. 09-224

- total suspended solids(TSS)

Analyses must be performed using approved US Environmental Protection Agency methods, where applicable. These constituents shall be measured at least once prior to diversion and then monitored for on a daily basis during the first week of diversion and/or dewatering activities, and then on a weekly basis, thereafter, until the in-stream work is complete.

Results of the analyses shall be submitted to this Regional Board by the 15th day of each subsequent sampling month. A map or drawing indicating the locations of sampling points shall be included with each submittal. Diversion activities shall not result in the degradation of beneficial uses or exceedance of water quality objectives of the receiving waters. Downstream TSS shall be maintained at ambient levels. Where natural turbidity is between 0 and 50 Nephelometric Turbidity Units (NTU), increases shall not exceed 20%. Where natural turbidity is greater than 50 NTU, increases shall not exceed 10%. Any such violations may result in corrective and/or enforcement actions, including increased monitoring and sample collection.

19. The Applicant shall restore all areas of TEMPORARY IMPACTS to waters of the United States and all other areas of temporary disturbance which could result in a discharge or a threatened discharge to waters of the State. Restoration shall include grading of disturbed areas to pre-project contours and revegetation with native species. Restored areas shall be monitored and maintained with native species as necessary for five years. The Applicant shall implement all necessary Best Management Practices to control erosion and runoff from areas associated with this project.
20. The Applicant shall submit to this Regional Board Annual Monitoring Reports (Annual Reports) by January 1st of each year for a minimum period of five (5) years following this issuance of 401 Certification. The Annual Reports shall describe in detail all of the project/construction activities performed during the previous year and all restoration and mitigation efforts; including percent survival by plant species and percent cover. At a minimum the Annual Reports shall include the following documentation.
 - (a) Color photo documentation of the pre- and post-project site conditions;
 - (b) Geographical Positioning System (GPS) coordinates in decimal-degrees format outlining the boundary of the project areas;
 - (c) The overall status of project including a detailed schedule of work;
 - (d) Copies of all permits revised as required in Additional Condition 1;
 - (e) Water quality monitoring results for each reach (as required) compiled in an easy to interpret format;

ATTACHMENT B

Conditions of Certification
File No. 09-224

- (f) A certified Statement of "no net loss" of wetlands associated with this project;
 - (g) Discussion of any monitoring activities and exotic plant control efforts; and
 - (h) A certified Statement from the permittee or his/her representative that all conditions of this Certification have been met.
21. Prior to any subsequent maintenance activities within the subject drainages/basin, including clearing, maintenance by-hand, and/or the application of pesticides, the Applicant shall submit to this Regional Board a NOTIFICATION of any such activity. Notification shall include: (a) the proposed schedule; (b) a description of the drainage's/basin's existing condition/capacity; (c) the area of proposed temporary impact within waters of the State; (c) a description of any existing aquatic resources (e.g., wetland/riparian vegetation); and (d) any proposed compensatory mitigation. Notifications must be submitted a minimum of **three (3) weeks** prior to commencing work activities.
22. All applications, reports, or information submitted to the Regional Board shall be signed:
- (a) For corporations, by a principal executive officer at least of the level of vice president or his duly authorized representative, if such representative is responsible for the overall operation of the facility from which discharge originates.
 - (b) For a partnership, by a general partner.
 - (c) For a sole proprietorship, by the proprietor.
 - (d) For a municipal, State, or other public facility, by either a principal executive officer, ranking elected official, or other duly authorized employee.
23. Each and any report submitted in accordance with this Certification shall contain the following completed declaration:
- "I declare under penalty of law that this document and all attachments 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 managed the system or those 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 knowing violations.

Executed on the _____ day of _____ at _____.

ATTACHMENT B

Conditions of Certification
File No. 09-224

401(d) of the Clean Water Act, the applicability of any State law authorizing remedies, penalties, process or sanctions for the violation or threatened violation constitutes a limitation necessary to assure compliance with the water quality standards and other pertinent requirements incorporated into this Certification.

- (b) In response to a suspected violation of any condition of this Certification, the State Water Resources Control Board (SWRCB) or Regional Water Quality Control Board (RWQCB) may require the holder of any permit or license subject to this Certification to furnish, under penalty of perjury, any technical or monitoring reports the SWRCB deems appropriate, provided that the burden, including costs, of the reports shall be a reasonable relationship to the need for the reports and the benefits to be obtained from the reports.
- (c) In response to any violation of the conditions of this Certification, the SWRCB or RWQCB may add to or modify the conditions of this Certification as appropriate to ensure compliance.

30. This Certification shall expire **five (5) years** from date of this Certification. The Applicant shall submit a complete application prior to termination of this Certification if renewal is requested.