



California Regional Water Quality Control Board
San Diego Region



Over 50 Years Serving San Diego, Orange, and Riverside Counties

Recipient of the 2004 Environmental Award for Outstanding Achievement from USEPA

Matthew Rodriguez
 Secretary for
 Environmental Protection

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[http:// www.waterboards.ca.gov/sandiego](http://www.waterboards.ca.gov/sandiego)

Edmund G. Brown Jr.
 Governor

April 18, 2012

Certified Mail – Return Receipt Requested
 Article Number: 7011 0470 0002 8961 5209

Mr. Rob Rundle
 Principal Regional Planner
 San Diego Association of Governments
 401 B Street, Suite 800
 San Diego, CA 92101

In reply refer to:
 770839: mporter

Dear Mr. Rundle:

**SUBJECT: Clean Water Act Section 401 Water Quality Certification No. 11C-074
 for the San Ysidro Freight Yard Project**

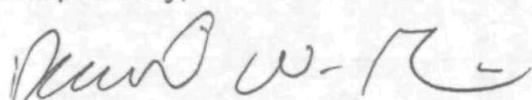
Enclosed is the Clean Water Act Section 401 Water Quality Certification for discharges to waters of the U.S. and acknowledgment of enrollment under State Water Resources Control Board Order No. 2003-017-DWQ for the San Ysidro Freight Yard Project. A description of the project and project location can be found in the project information sheet, location map, and site maps which are included as Attachments 1 through 6.

Any petition for reconsideration of this Certification must be filed with the State Water Resources Control Board within 30 days of certification action (23 CCR § 3867). If no petition is received, it will be assumed that you have accepted and will comply with all the conditions of this Certification.

Failure to comply with all conditions of this Certification may subject you to enforcement actions by the California Regional Water Quality Control Board, San Diego Region (San Diego Water Board), including administrative enforcement orders requiring you to cease and desist from violations, or to clean up waste and abate existing or threatened conditions of pollution or nuisance; administrative civil liability in amounts of up to \$10,000 per day per violation; referral to the State Attorney General for injunctive relief; and, referral to the District Attorney for criminal prosecution.

In the subject line of any response, please include the requested "In reply refer to:" information located in the heading of this letter. For questions pertaining to the subject matter, please contact Mike Porter at 858-467-2726 or mporter@waterboards.ca.gov.

Respectfully,



DAVID W. GIBSON
Executive Officer

Enclosures:

Clean Water Act Section 401 Water Quality Certification No. 11C-074 San Ysidro Freight Yard Project, with five attachments.

E-copies: Refer to Attachment 2 of Certification 11C-074 for the Distribution List.

Tech Staff Info & Use	
File No.	11C-074
WDID	9000002346
Reg. Measure ID	381277
Place ID	770839
Party ID	524619
Person ID	524620



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Action on Request
for
Clean Water Act Section 401 Water Quality Certification
and
Waste Discharge Requirements
for
Discharge of Dredged and/or Fill Materials

PROJECT: San Ysidro Freight Yard
Improvement Project
Water Quality Certification 11C-074

APPLICANT: Mr. Rob Rundle
Principal Regional Planner
San Diego Association of Governments
401 B Street
Suite 800
San Diego, CA 92101-4231

In reply, please refer to:

Certification	11C-074
Reg. Meas.	381277
Place	770839
Party	524619
Person	524620
WDID:	9 000002346

ACTION:

<input type="checkbox"/> Order for Low Impact Certification	<input type="checkbox"/> Order for Denial of Certification
<input checked="" type="checkbox"/> Order for Technically-conditioned Certification	<input type="checkbox"/> Waiver of Waste Discharge Requirements
<input checked="" type="checkbox"/> Enrollment in SWRCB GWDR Order No. 2003-017 DWQ	<input type="checkbox"/> Enrollment in Isolated Waters Order No. 2004-004 DWQ

PROJECT DESCRIPTION:

The proposed project includes the construction of two new track extensions and revisions of track alignment for additional rail car storage, a new truck access road, drainage improvements, sediment detention basins, and bioretention facilities.

California Environmental Protection Agency

The energy challenge facing California is real. Every Californian needs to take immediate action to reduce energy consumption. For a list of simple ways you can reduce demand and cut your energy costs, see our Web-site at <http://www.swrcb.ca.gov>.

Recycled Paper



The project would provide two new track extensions to the north to provide additional storage capacity, as well as the ability to switch rail cars outside of the constrained operating windows without interrupting the trolley line. The new storage tracks and other revisions to track alignment would double rail car storage capacity. The improved truck access to the Rail Yard would provide additional opportunities for cargo transfer (transloading) and would eliminate some regional truck traffic trips on freeways in the region. Truck access to the Rail Yard would be provided from East Beyer Boulevard via a new one-way, entrance-only driveway that would connect to an internal access road parallel to the railroad tracks to the east. Trucks would exit the Rail Yard via the existing driveway off East Beyer Boulevard, north of East San Ysidro Boulevard. Other improvements, such lighting and fencing, would be constructed to improve safety and security.

Additionally, the project would include drainage improvements to alleviate flooding and siltation that occur at the Rail Yard. As a result of the Rail Yard's adjacency to steeper topography of the undeveloped hillsides to the east, the project site is subject to inundation by water and silt during storm events. During those events the Rail Yard and tracks are not in service, which further exacerbates the operational constraints, and limits the efficient movement of goods in the region. The project would correct the drainage deficiencies by constructing storm drain facilities to accommodate flows during storm events, including detention and desiltation basins, grated catch basins and storm drain pipes.

Permanent project impacts to wetlands and non-wetlands will be limited to 0.25-acre (127-linear feet) and 0.02-acre (546-linear feet), respectively. Mitigation will be the establishment of 0.25-acres (127-linear feet) of Mulefat scrub, restoration of 0.5-acre (127-linear feet) of Mulefat scrub, and the establishment of 0.02-acre (546-linear feet) of ephemeral stream at the Tijuana River Valley Wetland Mitigation Site, north-west of and adjacent to the Tijuana River.

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I. STANDARD CONDITIONS:

The following three standard conditions apply to all Certification actions, except as noted under Condition 3 for denials.

- A. This Certification action is subject to modification or revocation upon administrative or judicial review, including review and amendment pursuant to section 13330 of the California Water Code and section 3867 of Title 23 of the California Code of Regulations (23 CCR).
- B. This Certification action is not intended and must not be construed to apply to any discharge from any activity involving a hydroelectric facility 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.
- C. The validity of any non-denial Certification action must be conditioned upon total payment of the full fee required under 23 CCR section 3833, unless otherwise stated in writing by the certifying agency.

II. ADDITIONAL CONDITIONS: GENERAL

- A. Water Quality Certification No. 11C-074 (Certification) is only valid if the project begins no later than 5 (five) years from the date of issuance. If the project has not begun within 5 years from the date of issuance, this Certification expires.
- B. The San Diego Association of Governments must comply with the requirements of State Water Resources Control Board Water Quality Order No. 2003-0017-DWQ, *Statewide General Waste Discharge Requirements for Discharges of Dredged or Fill Material that have Received State Water Quality Certification*. These General Waste Discharge Requirements are accessible at:
http://www.waterboards.ca.gov/water_issues/programs/cwa401/docs/generalorders/go_wdr401regulated_projects.pdf.
- C. The San Diego Association of Governments must, at all times, fully comply with the engineering plans, specifications and technical reports submitted to the San Diego Water Board, to support this Certification and all subsequent submittals required as part of this Certification and as described in Attachment 1. The conditions within this Certification must

supersede conflicting provisions within such plans submitted as part of this Certification action.

- D. The San Diego Association of Governments must permit the San Diego Water Board or its authorized representative at all times, upon presentation of credentials:
1. Entry onto project premises, including all areas on which wetland fill or wetland mitigation is located or in which records are kept.
 2. Access to copy any records required to be kept under the terms and conditions of this Certification.
 3. Inspection of any treatment equipment, monitoring equipment, or monitoring method required by this Certification.
 4. Sampling of any discharge or surface water covered by this Order.
- E. In the event of any violation or threatened violation of the conditions of this Certification, the violation or threatened violation must be subject to any remedies, penalties, process or sanctions as provided for under State law. For purposes of section 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.
- F. In response to a suspected violation of any condition of this Certification, the San Diego Water Board 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 San Diego Water Board deems appropriate, provided that the burden, including costs, of the reports must bear a reasonable relationship to the need for the reports and the benefits to be obtained from the reports.
- G. In response to any violation of the conditions of this Certification, the San Diego Water Board may add to or modify the conditions of this Certification as appropriate to ensure compliance.
- H. During construction, the San Diego Association of Governments must maintain a copy of this Certification at the project site so as to be available at all times to site personnel and agencies.

III. ADDITIONAL CONDITIONS: CONSTRUCTION BEST MANAGEMENT PRACTICES

- A. Prior to the start of the project, and annually thereafter, the San Diego Association of Governments must educate all personnel on the requirements in this Certification, pollution prevention measures, spill response, and Best Management Practices (BMPs) implementation and maintenance.
- B. The San Diego Association of Governments must, at all times, maintain appropriate types and sufficient quantities of materials on-site to contain any spill or inadvertent release of materials that may cause a condition of pollution or nuisance if the materials reach waters of the U.S. and/or State.
- C. The San Diego Association of Governments must enroll in and comply with the requirements of State Water Resources Control Board Water Quality Order No. 2009-0009-DWQ, the *NPDES General Permit for Storm Water Discharges Associated with Construction Activity*.
- D. The San Diego Association of Governments must implement the *Storm Water Pollution Prevention Plan for San Ysidro Yard Improvement Project* prepared by Bureau Veritas and dated August 2011. BMPs must include, but not be limited to:
 - 1. Construction and materials scheduling.
 - 2. Designated concrete washout and disposal area(s).
 - 3. Preservation of existing vegetation.
 - 4. Earth dike and drainage swales.
 - 5. Fiber rolls.
 - 6. Wind erosion control.
 - 7. Silt fencing.
 - 8. Gravel bag berms.
 - 9. Street sweeping.
 - 10. Storm drain inlet protection.
 - 11. Stabilized construction inlets and exits.
 - 12. Detention/sediment basins (3).
- E. The San Diego Association of Governments must, at all times, maintain appropriate types and sufficient quantities of materials on-site to contain any spill or inadvertent release of materials that may cause a condition of pollution or nuisance if the materials reach waters of the United States and/or State.
- F. The treatment, storage, and disposal of wastewater during the life of the project must be done in accordance with waste discharge requirements established by the San Diego Water Board pursuant to CWC § 13260.

- G. Discharges of concentrated flow during construction or after completion must not cause downstream erosion or damage to properties or stream habitat.
- H. Water containing mud, silt, or other pollutants from equipment washing or other activities, must not be discharged to waters of the U.S. and/or the State or placed in locations that may be subjected to storm flows. Pollutants discharged to areas within a stream diversion area must be removed at the end of each work day or sooner if rain is predicted.
- I. All surface waters, including ponded waters, must 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. Diversion activities must not result in the degradation of beneficial uses or exceedance of water quality objectives of the receiving waters. Any temporary dam or other artificial obstruction constructed must only be built from materials such as clean gravel which will cause little or no siltation. Normal flows must be restored to the affected stream immediately upon completion of work at that location.
- J. All areas that will be left in a rough graded state must be stabilized no later than two weeks after completion of grading. The San Diego Association of Governments is responsible for implementing and maintaining BMPs to prevent erosion of the rough graded areas to prevent flow from this area from causing negative impacts to beneficial uses. After completion of grading, all earthen areas that will be vegetated must be revegetated with native species appropriate for the area. The revegetation palette must not contain any plants listed on the California Invasive Plant Council Invasive Plant Inventory, which can be found online at <http://www.cal-ipc.org/ip/inventory/weedlist.php>.
- K. Except as permitted, substances hazardous to aquatic life including, but not limited to, petroleum products, raw cement/concrete, asphalt, and coating materials, must be prevented from contaminating the soil and/or entering waters of the United States and/or State, except as authorized by this Certification. BMPs must be implemented to prevent such discharges during each project activity involving hazardous materials.
- L. Removal of vegetation must occur by hand, mechanically, or using EPA approved herbicides deployed using applicable BMPs to prevent impacts to Beneficial Uses of waters of the State. Use of aquatic pesticides must be done in accordance with State Water Resources Control Board Water Quality Order No. 2004-0009-DWQ, and any subsequent reissuance as applicable.

- M. If groundwater dewatering with discharge to surface water is necessary for project construction, the San Diego Association of Governments must apply for and obtain coverage under the San Diego Water Board Order No. R9-2008-0002, *General Waste Discharge Requirements for Discharges from Groundwater Extraction and Similar Discharges to Surface Waters Within the San Diego Region*. These General Waste Discharge Requirements are accessible at:

[http://www.swrcb.ca.gov/rwqcb9/board decisions/adopted orders/2008/2008_0002.pdf](http://www.swrcb.ca.gov/rwqcb9/board%20decisions/adopted%20orders/2008/2008_0002.pdf)

IV. ADDITIONAL CONDITIONS: POST-CONSTRUCTION BEST MANAGEMENT PRACTICES

- A. Post-construction BMPs, including those described in the *Water Quality Technical Report for San Ysidro Yard Improvement Project* prepared by Kimley-Horn and dated August 2011, must treat 100 percent of the impervious surfaces associated with the project, must comply with the City of San Diego's Standard Urban Stormwater Mitigation Plan including the Final Hydromodification Management Plan, and must be sized to comply with the following numeric sizing criteria:

1. Volume

Volume-based BMPs must be designed to mitigate (infiltrate, filter, or treat) either:

- a. The volume of runoff produced from a 24-hour 85th percentile storm event, as determined from the local historical rainfall record (0.6 inch approximate average for the San Diego County area); or
- b. The volume of runoff, as determined from the local historical rainfall record, that achieves approximately the same reduction in pollutant loads and flows as achieved by mitigation of the 85th percentile 24-hour runoff event; or

2. Flow

Flow-based BMPs must be designed to mitigate (infiltrate, filter, or treat) either:

- a. The maximum flow rate of runoff produced from a rainfall intensity of 0.2 inch of rainfall per hour; or
- b. The maximum flow rate of runoff produced by the 85th percentile hourly rainfall intensity, as determined from the local historical rainfall record, multiplied by a factor of two; or

- c. The maximum flow rate of runoff, as determined from the same reduction in pollutant loads and flows as achieved by mitigation of the 85th percentile hourly rainfall intensity multiplied by a factor of two.
- B. All storm drain inlet structures within the project boundaries must be stamped and/or stenciled (or equivalent) with appropriate language prohibiting non-storm water discharges.
 - C. The San Diego Association of Governments must implement the post-construction BMPs as described in the *Drainage Report San Ysidro Yard Improvement Project* prepared by Kimley-Horn and dated August 2011 and the *Water Quality Technical Report for San Ysidro Yard Improvement Project* prepared by Kimley-Horn and dated August 2011. Post-construction BMPs must include, but not be limited to:
 1. Minimize impervious footprint.
 2. Minimize directly connected impervious areas.
 3. Revegetate graded slopes.
 4. Energy dissipaters at new drainage outlets.
 5. Inlet stenciling and signage.
 6. Employee training.
 7. Regular street sweeping.
 8. Fueling operations management and containment.
 9. Detention/sediment basins (3).
 10. Bioretention facilities (5).
 - D. Post-construction BMPs must be installed and functional prior to occupancy and/or planned use of development areas.
 - E. All post-construction treatment BMPs and storm water discharge points must:
 1. Be regularly inspected and maintained for the life of the project per manufactures' specifications and industry standards;
 2. Have all preventive and corrective maintenance performed;
 3. Be inspected no less than one time per year, immediately prior to the commencement of the rainy season (October 1) and after every storm event exceeding 0.5 inches of precipitation; and
 4. Be properly documented in a log containing all BMP inspections and maintenance activities.

- F. The San Diego Association of Governments assumes responsibility for the inspection and maintenance of all post-construction structural BMPs unless such responsibility is legally transferred to another entity.

V. ADDITIONAL CONDITIONS: COMPENSATORY MITIGATION AND IMPACTS

- A. Mitigation for permanent project impacts to wetland and non-wetland waters of the United States and/or State must be implemented as described in the *San Ysidro Freight Rail Yard Improvement Project, Wetland Mitigation Plan*, prepared by Helix Environmental Planning, and dated March 26, 2012.
- B. Mitigation must occur at the Tijuana River Valley Wetland Mitigation Site, north-west and adjacent to the Tijuana River.
- C. Mitigation must consist of the:
1. Establishment of 0.25-acre (127-linear feet) of Mulefat scrub.
 2. Restoration of 0.5-acre (127-linear feet) of Mulefat scrub.
 3. Establishment of 0.02-acre (546-linear feet) of ephemeral stream.
- D. Permanent impacts shall not exceed 0.25-acre (127-linear feet) for wetland waters and 0.02-acre (546-linear feet) for non-wetland (streambed) waters of the U.S. and/or State.
- E. The construction of proposed mitigation must be concurrent with project grading and completed no later than 9 months following the initial discharge of dredge or fill material into on-site waters. Delays in implementing mitigation must be compensated for by an increased mitigation implementation of 10 percent of the cumulative compensatory mitigation for each month of delay.
- F. The San Diego Association of Governments must salvage leaf litter, coarse woody debris, and upper soil horizons from impacted jurisdictional water sites that are relatively free of invasive exotic species for use in on-site mitigation areas.
- G. The San Diego Association of Governments must also salvage large cuttings from appropriate tree species if they exist at the impact site and use them as pole plantings at the mitigation site.

- H. The mitigation sites must be designed, constructed, and maintained to meet the following conditions:
1. Most of the channels through the mitigation sites are characterized by equilibrium conditions, with no evidence of severe aggradation or degradation;
 2. As viewed along cross-sections, the channel and buffer have a variety of slopes, or elevations, that are characterized by different moisture gradients. Each sub-slope contains physical patch types or features that contribute to irregularity in height, edges, or surface and to complex topography overall; and
 3. The mitigation sites have a well-developed plant community characterized by a high degree of horizontal and vertical interspersion among plant zones and layers.
- I. If at any time during the implementation and establishment of the mitigation areas, and prior to verification of meeting success criteria, a catastrophic natural event (e.g., fire, flood) occurs and impacts the mitigation areas, the San Diego Association of Governments is responsible for repair and replanting of the damaged areas.
- J. Mitigation areas must be maintained, in perpetuity, free of perennial exotic plant species including, but not limited to, pampas grass, giant reed, tamarisk, sweet fennel, tree tobacco, castor bean, and pepper tree. Annual exotic plant species must not occupy more than 5 percent of the on-site or off-site mitigation areas.
- K. Any maintenance activities that do not contribute to the success of the mitigation site and enhancement of beneficial uses and ecological functions and services are prohibited. Maintenance activities are limited to the removal of trash and debris, removal of exotic plant species, replacement of dead native plant species and remedial measures deemed necessary for the success of the restoration program.
- L. Mitigation shall be considered acceptable once it has met the predetermined success criteria for that site, and shall be maintained, in perpetuity, in a manner that consistently meets the final success criteria identified.
- M. For purposes of this Certification, establishment is defined as the creation of vegetated or unvegetated waters of the United States/State where the resource has never previously existed (e.g. conversion of nonnative grassland to a freshwater marsh). Restoration is divided into two activities, re-establishment and rehabilitation. Re-establishment is defined

as the return of natural/historic functions to a site where vegetated or unvegetated waters of the United States/State previously existed (e.g., removal of fill material to restore a drainage). Rehabilitation is defined as the improvement of the general suite of functions of degraded vegetated or unvegetated waters of the United States/State (e.g., removal of a heavy infestation or monoculture of exotic plant species from jurisdictional areas and replacing with native species). Enhancement is defined as the improvement to one or two functions of existing vegetated or unvegetated waters of the United States/State (e.g., removal of small patches of exotic plant species from an area containing predominantly natural plant species). Preservation is defined as the acquisition and legal protection from future impacts in perpetuity of existing vegetated or unvegetated waters of the United States/State (e.g., conservation easement).

VI. ADDITIONAL CONDITIONS: MONITORING REQUIREMENTS

The California Rapid Assessment Method (CRAM) must be utilized at the mitigation site prior to mitigation construction to establish pre-project baseline conditions. In addition, CRAM must be utilized at the mitigation site(s) following completion of the mitigation site construction at years 3 and 5. The results of the CRAM assessment must be submitted **with the Annual Monitoring Reports** and data must be uploaded into eCRAM (<http://www.cramwetlands.org>).

VII. NOTIFICATION REQUIREMENTS:

- A. The San Diego Association of Governments must report to the San Diego Water Board any noncompliance which may endanger human health or the environment. Any information shall be provided orally within **24 hours** of the time the San Diego Association of Governments becomes aware of the circumstances. A written submission shall also be provided within five (5) days of the time the San Diego Association of Governments becomes aware of the circumstances. The written submission shall contain a written description of the incident and its cause, the period of the noncompliance including exact dates and times, and if the noncompliance has not been corrected, the anticipated time it is expected to continue; and steps taken or planned to reduce, eliminate, and prevent reoccurrence of the noncompliance. The San Diego Water Board may waive the above-required written report under this provision on a case-by-case basis if an oral report has been received within 24 hours.

- B. The San Diego Association of Governments must notify the San Diego Water Board of any change in ownership or transfer of certification responsibilities associated with the project or mitigation areas. Notification of change in ownership or transfer of responsibilities must include, but not be limited to, a statement that the San Diego Association of Governments has provided the purchaser/transferee with a copy of the Section 401 Water Quality Certification and that the purchaser/transferee understands and accepts the certification requirements and acknowledges the obligation to implement them and be subject to liability for failure to do so. The San Diego Association of Governments and the purchaser/transferee must sign and date the notification and provide such notification to the Executive Officer of the San Diego Water Board within **10 days** of the transfer. Upon properly noticed transfers of responsibility, the transferee assumes responsibility for compliance with this Certification and references in this Certification to the San Diego Association of Governments will be interpreted to refer to the transferee as appropriate. Transfer does not necessarily relieve the San Diego Association of Governments of responsibilities within this Certification in the event that a transferee fails to comply.
- C. Within **one year** of the start of construction, the San Diego Association of Governments must submit proof of a completed preservation mechanism that will protect all mitigation areas and their buffers in perpetuity. The conservation easement, deed restriction, or other legal limitation on the mitigation property must be adequate to demonstrate that the site will be maintained in perpetuity without future development or encroachment on the site which could otherwise reduce the functions and values of the site for the variety of beneficial uses of waters of the United States that it supports. The legal limitation must prohibit, without exception, all residential, commercial, industrial, institutional, and transportation development, and any other infrastructure development that would not maintain or enhance the wetland and streambed functions and values of the site. The preservation mechanism must clearly prohibit activities that would result in soil disturbance or vegetation removal, other than the removal of non-native vegetation. Other infrastructure development to be prohibited includes, but is not limited to, additional utility lines, maintenance roads, and areas of maintained landscaping for recreation.

VIII. REPORTING REQUIREMENTS:

- A. The San Diego Association of Governments must submit annual progress reports describing status of compliance with all requirements of this Certification to the San Diego Water Board prior to **August 1** of each year following the issuance of this Certification until the project has reached completion. San Diego Association of Governments must submit a Final

Project Annual Report to the San Diego Water Board prior to **August 1** following completion of the project. The reports must include the following:

1. Date of construction initiation.
 2. Projected date of construction completion.
 3. Status of BMPs for the project.
 4. Final Project Report: Photo documentation of implemented post-construction BMPs. Photo documentation must be conducted in accordance with guidelines posted at [http://www.waterboards.ca.gov/sandiego/water issues/programs/401 certification/docs/StreamPhotoDocSOP.pdf](http://www.waterboards.ca.gov/sandiego/water%20issues/programs/401%20certification/docs/StreamPhotoDocSOP.pdf). In addition photo documentation must include Global Positioning System (GPS) coordinates for each of the photo points referenced.
- B. Mitigation monitoring reports must be submitted annually until mitigation has been deemed successful. Annual monitoring reports must be submitted prior to **December 1** of each year. Monitoring reports must include, but not be limited to, the following:
1. Names, qualifications, and affiliations of the persons contributing to the report;
 2. Date of initiation of mitigation installation and date mitigation installation was completed;
 3. Mitigation as-builts, including topography maps and planting locations;
 4. Tables presenting the raw data collected in the field as well as analyses of the physical and biological data;
 5. Topographic complexity characteristics at each mitigation site;
 6. Upstream and downstream habitat and hydrologic connectivity;
 7. Source of hydrology;
 8. Width of native vegetation buffer around the entire mitigation site;
 9. Qualitative and quantitative comparisons of current mitigation conditions with pre-construction conditions and previous mitigation monitoring results;

10. Stream Photodocumentation, including all areas of permanent and temporary impact, prior to and after project construction, and mitigation areas, including all areas of permanent impact, prior to and after project construction. Photo documentation must be conducted in accordance with guidelines posted at http://www.waterboards.ca.gov/sandiego/water_issues/programs/401_certification/docs/StreamPhotoDocSOP.pdf. In addition, photo documentation must include Geographic Positioning System (GPS) coordinates for each of the photo points referenced; and
 11. A Survey report documenting boundaries of mitigation area, including Geographic Information System (GIS) shape files (polygons) of the impact and mitigation areas (Two GPS readings (points) must be taken on each line of the polygon and the polygon must have a minimum of 10 points). GIS metadata must also be submitted.
- C. All information requested in this Certification is pursuant to California Water Code (CWC) section 13267. Civil liability may be administratively imposed by the San Diego Water Board for failure to furnish requested information pursuant to CWC section 13268.
- D. All reports and information submitted to the San Diego Water Board must be submitted in both hardcopy and electronic format. The preferred electronic format for each report submission is one file in PDF format that is also Optical Character Recognition (OCR) capable.
- E. All applications, reports, or information submitted to the San Diego Water Board must be signed and certified as follows:
1. For a corporation, by a responsible corporate officer of at least the level of vice president.
 2. For a partnership or sole proprietorship, by a general partner or proprietor, respectively.
 3. For a municipality, or a state, federal, or other public agency, by either a principal executive officer or ranking elected official.
 4. A duly authorized representative may sign applications, reports, or information if:
 - a. The authorization is made in writing by a person described above.
 - b. The authorization specifies either an individual or position having responsibility for the overall operation of the regulated activity.

- c. The written authorization is submitted to the San Diego Water Board Executive Officer.
- F. All applications, reports, or information submitted to the San Diego Water Board must be signed and certified as follows:

"I certify under penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment."

- G. San Diego Association of Governments must submit reports required under this Certification, or other information required by the San Diego Water Board, to:

Executive Officer
California Regional Water Quality Control Board
San Diego Region
Attn: 401 Certification No. 11C-074
9174 Sky Park Court, Suite 100
San Diego, California 92123

IX. CEQA FINDINGS:

- A. The San Diego Association of Governments is the lead agency under the California Environmental Quality Act (Public Resources Code section 21000, et seq., (CEQA)), and issued the Mitigated Negative Declaration, San Ysidro Freight Rail Yard Improvement Project, State Clearing House No. 2010071032, on August 12, 2010.
- B. The San Diego Water Board has reviewed the lead agency's Mitigated Negative Declaration and finds that the project as proposed will not have a significant effect on the environment if compensatory mitigation is accomplished as conditioned in this Certification.

X. PUBLIC NOTIFICATION OF PROJECT APPLICATION:

On September 21, 2010, receipt of the project application was posted on the San Diego Water Board web site to serve as appropriate notification to the public. No public comments were received.

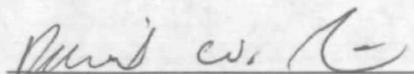
XI. SAN DIEGO WATER BOARD CONTACT PERSON:

Mike Porter, Engineering Geologist
California Regional Water Quality Control Board, San Diego Region
9174 Sky Park Court, Suite 100
San Diego, CA 92123
Telephone: 858-467-2726
Email: mporter@waterboards.ca.gov

XII. WATER QUALITY CERTIFICATION:

I hereby certify that the proposed discharge from the **San Ysidro Freight Yard Improvement Project - Phase I** (Certification No. 11C-074) 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. This discharge is also regulated under State Water Board Order No. 2003-0017-DWQ, "*Statewide General Waste Discharge Requirements for Dredged or Fill Discharges that have Received State Water Quality Certification (General WDRs)*," which requires compliance with all conditions of this Water Quality Certification. Please note that enrollment under Order No. 2003-017-DWQ is conditional and, should new information come to our attention that indicates a water quality problem, the San Diego Water Board may issue individual waste discharge requirements at that time.

Except insofar as may be modified by any preceding conditions, all Certification actions are contingent on (a) the discharge being limited to and all proposed mitigation being completed in strict compliance with, the applicants' project description and/or on the attached Project Information Sheet, and (b) on compliance with all applicable requirements of the Water Quality Control Plan for the San Diego Basin Region (9) (Basin Plan).



DAVID W. GIBSON
Executive Officer
Regional Water Quality Control Board

4-18-2012
Date

- Attachments:
1. Project Information
 2. Distribution List
 3. Location Maps
 4. Site Figures
 5. Mitigation Figure

Project Description: The proposed project includes the construction of two new track extensions and revisions of track alignment for additional rail car storage, a new truck access road, drainage improvements, sediment detention basins, and bioretention facilities.

The project would provide two new track extensions to the north to provide additional storage capacity, as well as the ability to switch rail cars outside of the constrained operating windows without interrupting the trolley line. The new storage tracks and other revisions to track alignment would double rail car storage capacity. The improved truck access to the Rail Yard would provide additional opportunities for transloading and would eliminate some regional truck traffic trips on freeways in the region. Truck access to the Rail Yard would be provided from East Beyer Boulevard via a new one-way, entrance-only driveway that would connect to an internal access road parallel to the railroad tracks to the east. Trucks would exit the Rail Yard via the existing driveway off East Beyer Boulevard, north of East San Ysidro Boulevard. Other improvements, such lighting and fencing, would be constructed to improve safety and security.

Additionally, the project would include drainage improvements to alleviate flooding and siltation that occur at the Rail Yard. As a result of the Rail Yard's adjacency to steeper topography of the undeveloped hillsides to the east, the project site is subject to inundation by water and silt during storm events. During these events, the Rail Yard and tracks are not in service, which further exacerbates the operational constraints, and limits the efficient movement of goods in the region. The project would correct the drainage deficiencies by constructing storm drain facilities to accommodate flows during storm events, including detention and desiltation basins, grated catch basins and storm drain pipes.

Federal Agency/Permit: U.S. Army Corps of Engineers §404, Nation Wide Permit 14, Ms. Meris Bantilan-Smith.

Other Required Regulatory Approvals: California Department of Fish and Game, §1602 Streambed Alteration Agreement.

**ATTACHMENT 1
PROJECT INFORMATION**

Applicant: Mr. Rob Rundle, Principal Regional Planner
San Diego Association of Governments
401 B Street, Suite 800
San Diego, CA 92101
Telephone: 619-699-6949
Fax: 619-699-4888
Email: rru@sandag.org

**Applicant
Representatives:** Stephen Neudecker, Ph.D.
Helix Environmental Planning
7578 El Cajon Boulevard
Suite 200
La Mesa, CA 91941
Telephone: 619-462-1515
Fax: 619-462-0552
Email: SteveN@helixepi.com

Project Name: San Ysidro Freight Yard Improvement Project

Project Location: The Project site is located southeast of Interstate 805,
adjacent to and north of the U.S.-Mexico border, east of East
Beyer Boulevard (Figures 1 and 2), located in the City of San
Diego's community of San Ysidro, San Diego County.
Latitude 33° 32' 54.32" North, Longitude -117° 01' 57.57"
East.

Type of Project: Rail road improvements.

Project Need: The current operational capacity and functionality of the San
Ysidro Freight Rail Yard (Rail Yard) have been degraded for
several reasons: (1) The capacity of the Rail Yard is reduced
by cross border traffic; (2) There is a limited opportunity for
main line usage because of trolley traffic; and (3) Storm water
flow over tracks results in track closures during and after
storm events.

U.S. Fish and Wildlife Service, Biological Opinion and
Incidental Take Statement, Ms. Sally Brown.

California
Environmental Quality
Act (CEQA)
Compliance:

San Diego Association of Governments Mitigated Negative
Declaration, San Ysidro Freight Rail Yard Improvement
Project, State Clearing House No. 2010071032, August 12,
2010.

Receiving Water:

Wetlands and unnamed ephemeral streams tributary to the
Tijuana River; Tijuana hydrologic unit, Tijuana Valley
hydrologic area, San Ysidro hydrologic subarea (911.11) and
Water Tanks hydrologic subarea (911.12).

Impacted Waters of
the United States
and/or State:

Permanent impacts:

- 0.25-acre (127-linear feet) of wetland waters (Mulefat scrub).
- 0.02-acre (546-linear feet) of non-wetland waters (ephemeral streams).

Temporary impacts: none

Dredge Volume:

None proposed.

Related Projects
Implemented/to be
Implemented by the
Applicant(s):

None disclosed.

Compensatory
Mitigation:

Proposed mitigation consists of:

- Establishment of 0.25-acre (127-linear feet) of Mulefat scrub.
- Restoration of 0.5-acre (127-linear feet) of Mulefat scrub.
- Establishment of 0.02-acre (546-linear feet) of ephemeral stream.

Best Management
Practices (BMPs):

Construction BMPs are proposed in the *Stormwater Pollution Prevention Plan for San Ysidro Yard Improvement Project* (Bureau Veritas, August 2011) include:

Erosion Control BMPs –

- Construction and materials scheduling.
- Preservation of existing vegetation.
- Earth dike and drainage swales.
- Fiber rolls.
- Wind erosion control.

Sediment control BMPs –

- Silt fencing.
- Gravel bag berms.
- Street sweeping.
- Storm drain inlet protection.
- Stabilized construction inlets and exits.
- Detention/sediment basins (3).

Post-construction BMPs proposed in the *Preliminary Drainage Study for San Ysidro Yard Improvement Project*, (Kimley-Horn, May 24, 2011) and the *Water Quality Technical Report for San Ysidro Yard Improvement Project* (Kimley-Horn August 2011) include:

Minimize impervious footprint.
Minimize directly connected impervious areas.
Revegetate graded slopes.
Energy dissipaters at new drainage outlets.
Inlet stenciling and signage.
Employee training.
Regular street sweeping.
Fuel operations containment.
Detention/sediment basins (3).
Bioretention facilities (5).

Public Notice:

On September 8, 2011, receipt of the project application was posted on the San Diego Water Board web site to serve as appropriate notification to the public. No public comments were received.

Fees: Total Due: \$4,822.00
 Total Paid: \$640.00 (Check No. 00832843)
 Total Paid: \$4182.00 (Check No. 00833959)

CIWQS: Reg. Measure: 381277
 Place: 770839
 Party: 524619
 Person: 524620

**ATTACHMENT 2
DISTRIBUTION LIST**

Ms. Meris Bantilan-Smith
U.S. Army Corps of Engineers
San Diego Field Office
Meris.Bantilan-Smith@usace.army.mil

Mr. Eric Raffini
Wetlands Regulatory Office
U.S. Environmental Protection Agency, Region 9
R9-WTR8-Mailbox@epa.gov

State Water Resources Control Board
Division of Water Quality
401 Water Quality Certification and Wetlands Unit
Stateboard401@waterboards.ca.gov

U.S. Department of the Interior
Fish and Wildlife Service
6010 Hidden Valley Road
Carlsbad, CA 92011

Mr. Stephen Neudecker
Helix Environmental Planning
SteveN@helixepi.com

Mr. Rob Rundle
San Diego Association of Governments
rru@sandag.org

Dr. Stephen Neudecker
Resource Balance, Inc.
Steve@ResourceBalance.com

Certification No. 11C-074

ATTACHMENT 3

LOCATION MAPS



Project Vicinity Map

SAN YSIDRO FREIGHT RAIL YARD IMPROVEMENT PROJECT

HELIX

Environmental Planning

San Ysidro Freight Rail Yard Improvement Project
Initial Study

Figure 2

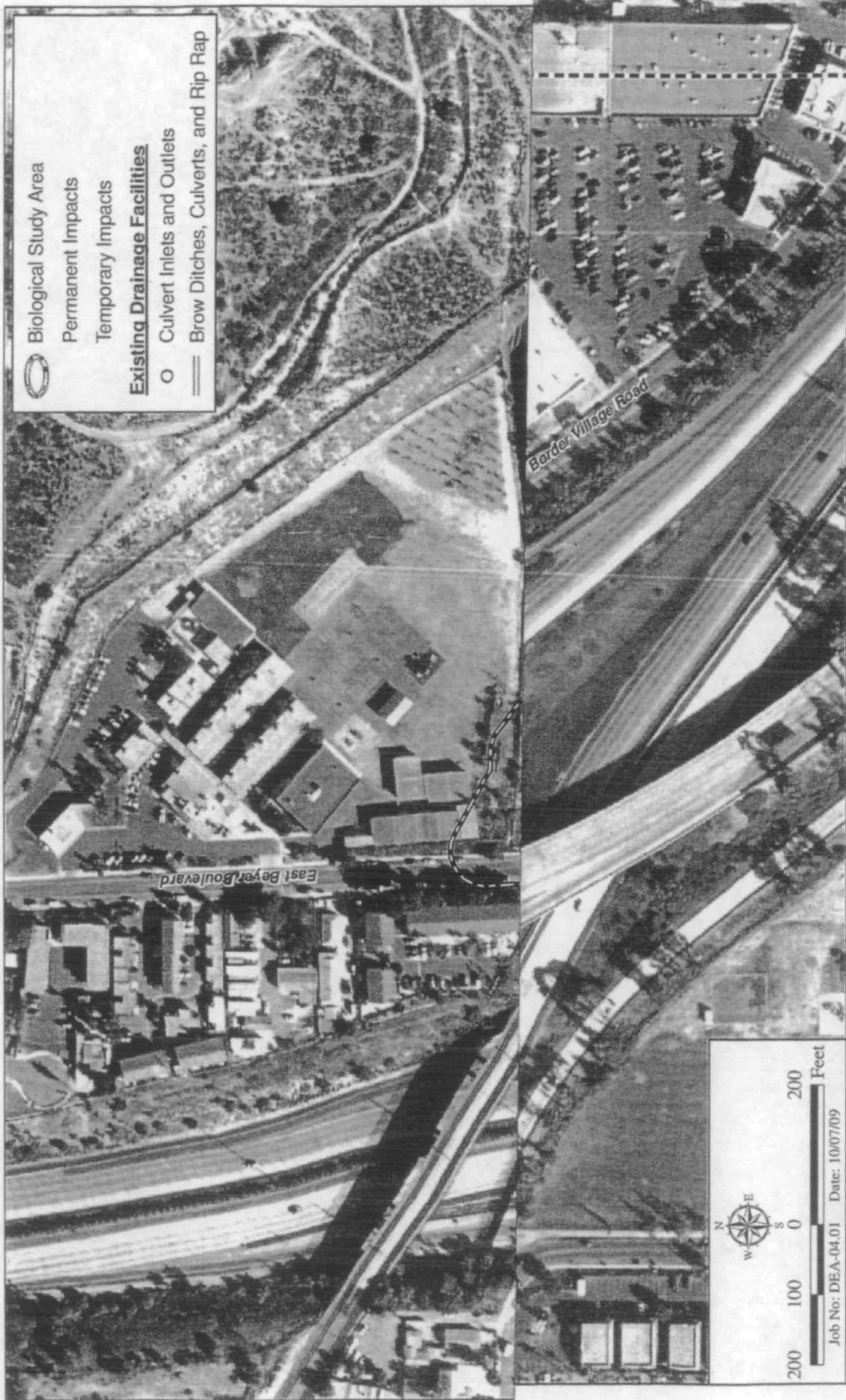
February 2011

Page 3

INFORM

ATTACHMENT 4

SITE FIGURES

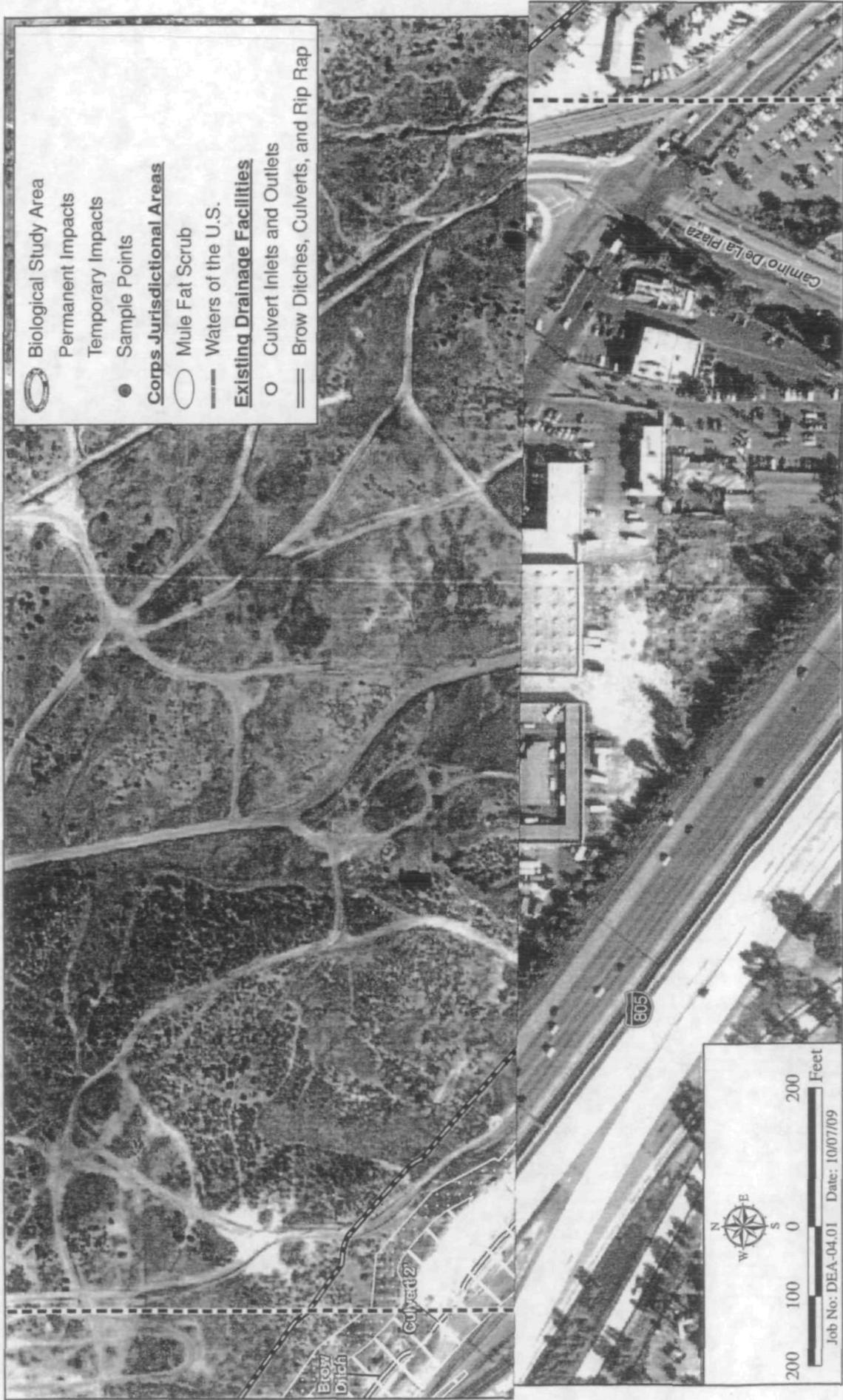


Corps Jurisdictional Areas/Impacts

SAN YSIDRO RAILROAD YARD IMPROVEMENT PROJECT

Figure 4a

HELIX



Corps Jurisdictional Areas/Impacts

SAN YSIDRO RAILROAD YARD IMPROVEMENT PROJECT

Figure 4b

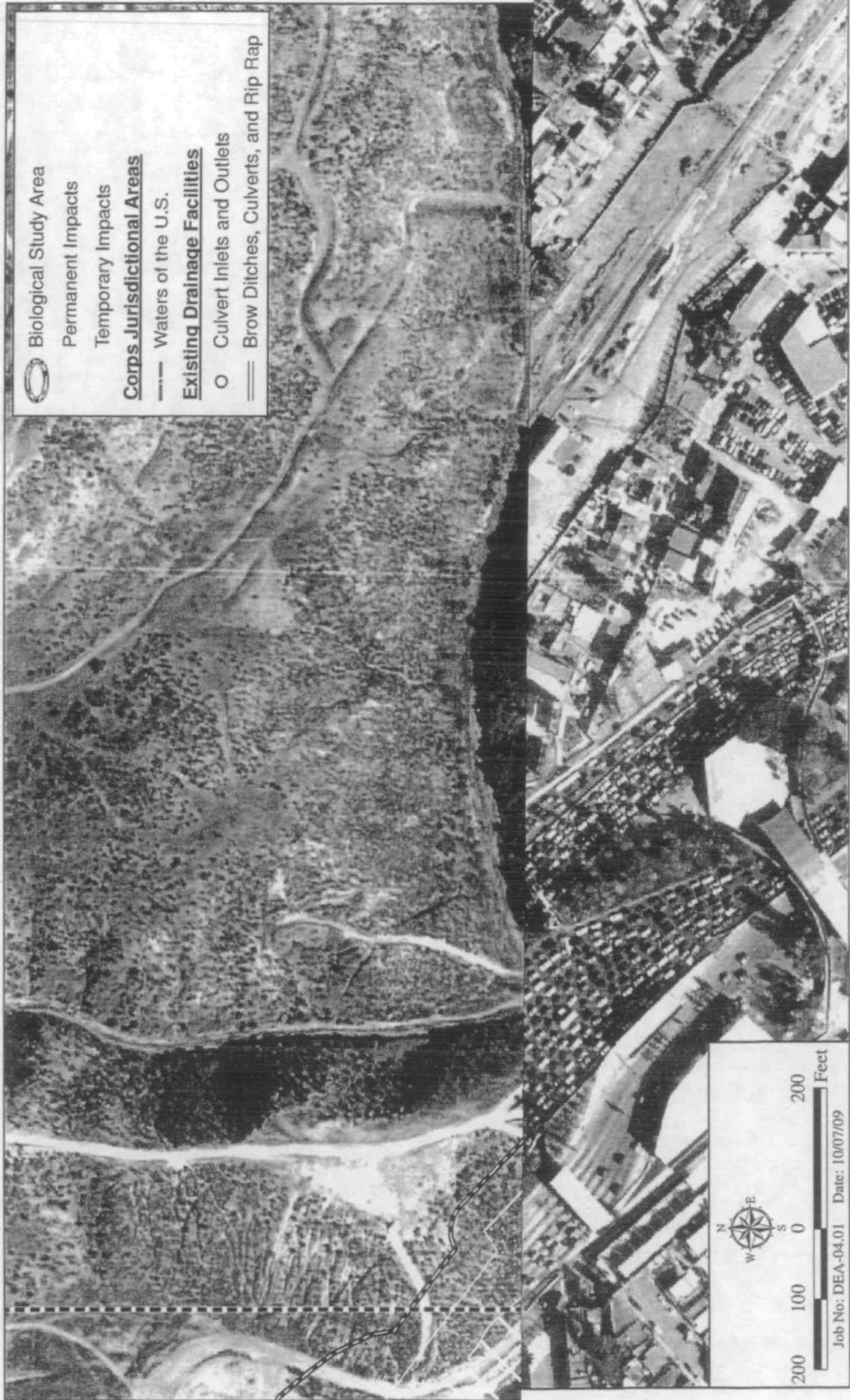




 200 100 0 200 Feet

 Job No: DEA-04.01 Date: 10/07/09

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Corps Jurisdictional Areas/Impacts

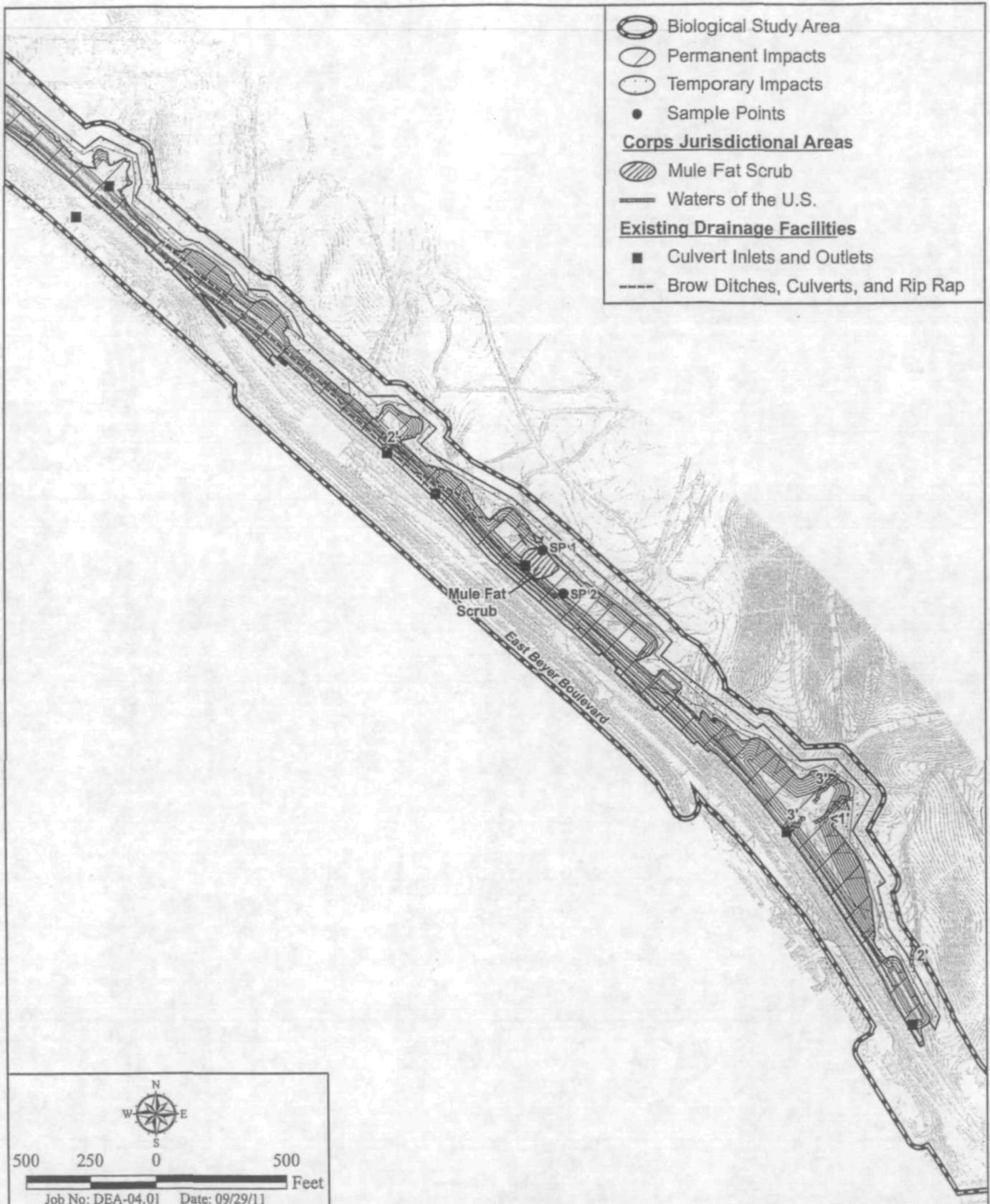
SAN YSIDRO RAILROAD YARD IMPROVEMENT PROJECT

Figure 4c

HELIX

Job No: DEA-04.01 Date: 10/07/09

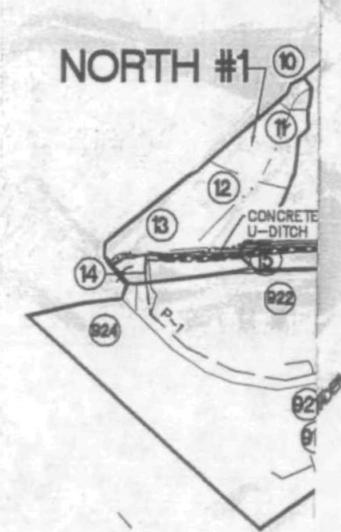
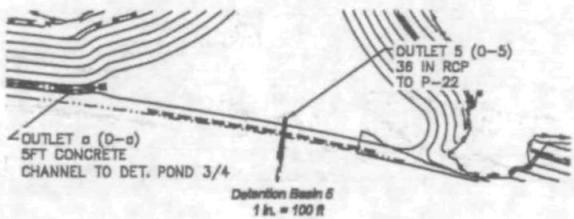
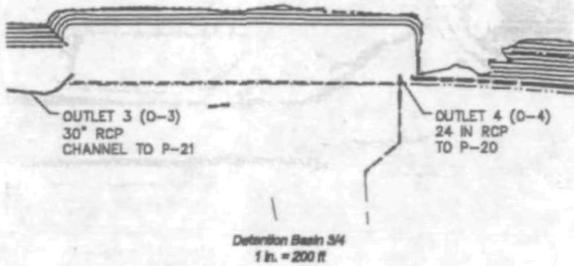
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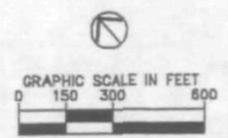
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Corps Jurisdictional Areas/Impacts

SAN YSIDRO RAILROAD YARD IMPROVEMENT PROJECT



- Legend**
- Existing Storm Drain
 - - - - - Drainage Basin Flowpath
 - Major Drainage Basin Flowpath
 - - - - - Minor Drainage Basin Flowpath
 - ⊙ AES Nodes
 - P-1 Storm Drain Profile Labels
 - O-3 PondPack Profile Labels



 **Kimley-Horn
and Associates, Inc.**
401 B Street, Suite 600
San Diego, CA 92101
Tel. No. (619) 234-9411
Fax No. (619) 234-9433

Exhibit B1
Drainage Exhibit
San Ysidro Yard Improvements

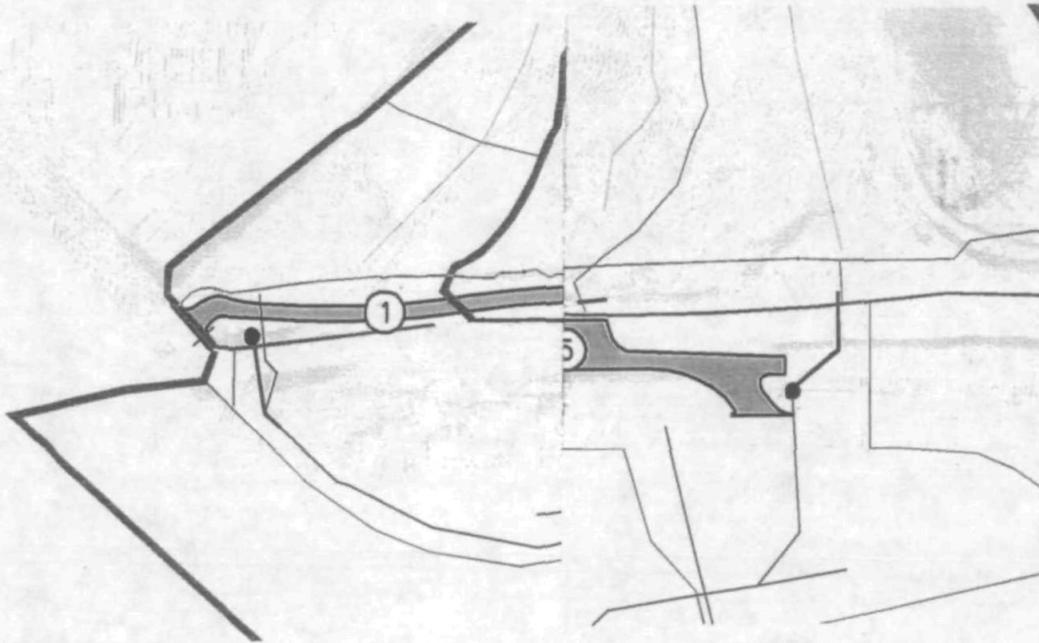


Required Bioretention Sizes

DMA	New Impervious	A Sizing Factor
	[sf]	
1	11813	0.04
2	44046	0.04
3	16861	0.04
4	96210	0.04
5	37879	0.04

Legend

-  Drainage Management Area
-  Discharge Location
-  Existing Storm Drains
-  Drainage Basin Flowpath
-  Major Drainage Basin Flowpath
-  Minor Drainage Basin Flowpath



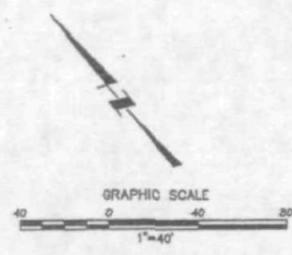
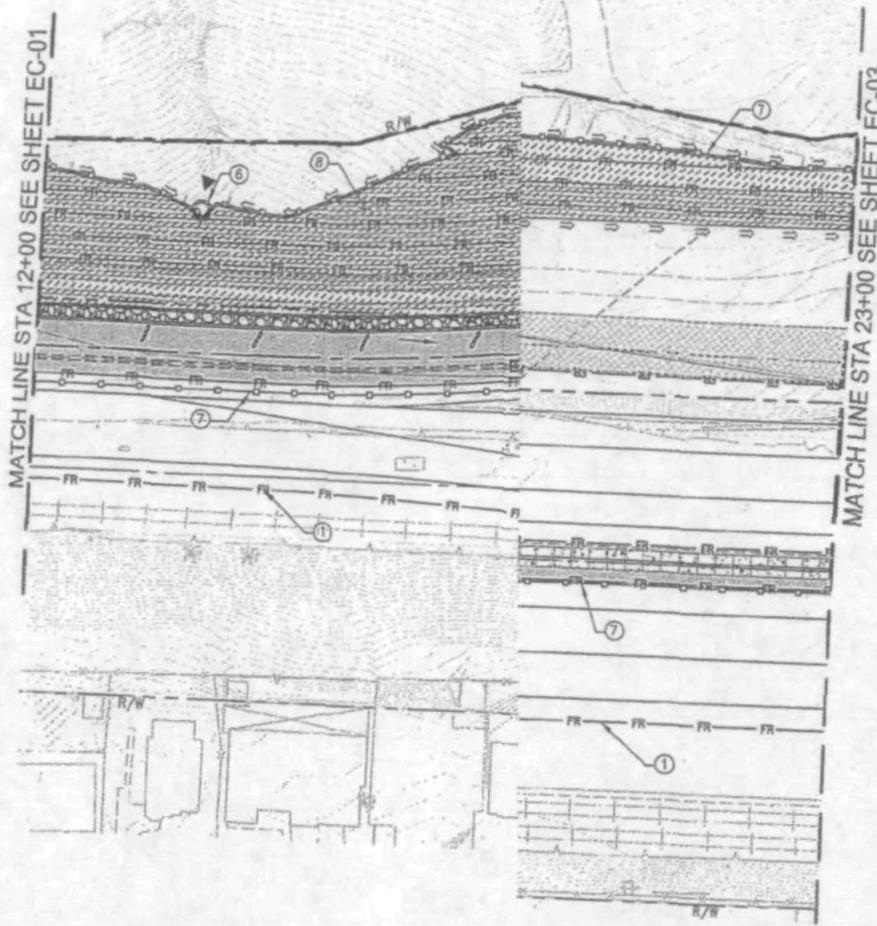
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Figure 2
WQTR Exhibit
n Ysidro Yard Improvements

KIMLEY-HORN

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NOTE:

NOT ALL ITEMS INDICATED IN LEGEND AND NOTES APPLY TO EACH SHEET.

EROSION CONTROL PLAN LEGEND:

DESCRIPTION	SEE CON. NOTE #	CASQA BMP MANUAL STD. DWG.
FIBER ROLLS	①	SE-5
ENERGY DISSIPATOR	②	EC-10
STABILIZED CONSTRUCTION ENTRANCE	③	TC-1
GRAVEL BAG BERM	④	SE-6
GRAVEL BAG CHECK DAM	⑤	SE-4
STORM DRAIN INLET PROTECTION	⑥	SE-10
SILT FENCE	⑦	SE-1
HYDRAULIC MULCH	⑧	EC-3
RUN ON/RUN OFF SAMPLING LOCATION		

LOSS AND SEDIMENT CONTROL NOTES:

SHEETS REFER TO CASQA (JULY 2010) AND PROJECT'S FINAL APPROVED SWPPP.
 OR TO IMPLEMENT STREET SWEEPING AND VACUUMING (PER BMP SHEET SE-7) ALONG ALL THE OFFSITE EXISTING PAVED ROADWAY WHERE SEDIMENT IS OBSERVED.
 IGES FROM IRRIGATION LINES, POTABLE WATER LINES, OR HYDRANT FLUSHING OCCUR CONTRACTOR MUST IMPLEMENT POTABLE WATER/IRRIGATION PER BMP SHEET NS-7, AS Y.
 OR TO ALSO IMPLEMENT THE FOLLOWING CONSTRUCTION BMPs, AS NECESSARY:
 LING, PER BMP SHEETS EC-1
 ESION CONTROL, PER BMP SHEETS WE-1
 CONSERVATION PRACTICES, PER BMP SHEET NS-1
 CONNECTION/DISCHARGE, PER BMP SHEETS NS-6
 AVOIDING THE POTENTIAL TO CAUSE WATER POLLUTION, AS DETERMINED BY THE ENGINEER, SHALL BE UNTIL SWPPP REVISIONS HAVE BEEN SUBMITTED TO THE ENGINEER BY THE CONTRACTOR, AND
 ACTOR SHALL CONSIDER OTHER CONTROL MEASURES, AS NECESSARY, TO SUPPLEMENT THE CRITICAL CONTROL MEASURES SHOWN ON THESE PLANS, IN ORDER TO MEET THE POLLUTION CONTROL OF THE SWPPP.
 NO EQUIPMENT CLEANING, FUELING, AND/OR MAINTENANCE (PER BMP SHEETS NS-8, N-9, O RESPECTIVELY) SHALL NOT BE PERFORMED ON SITE.

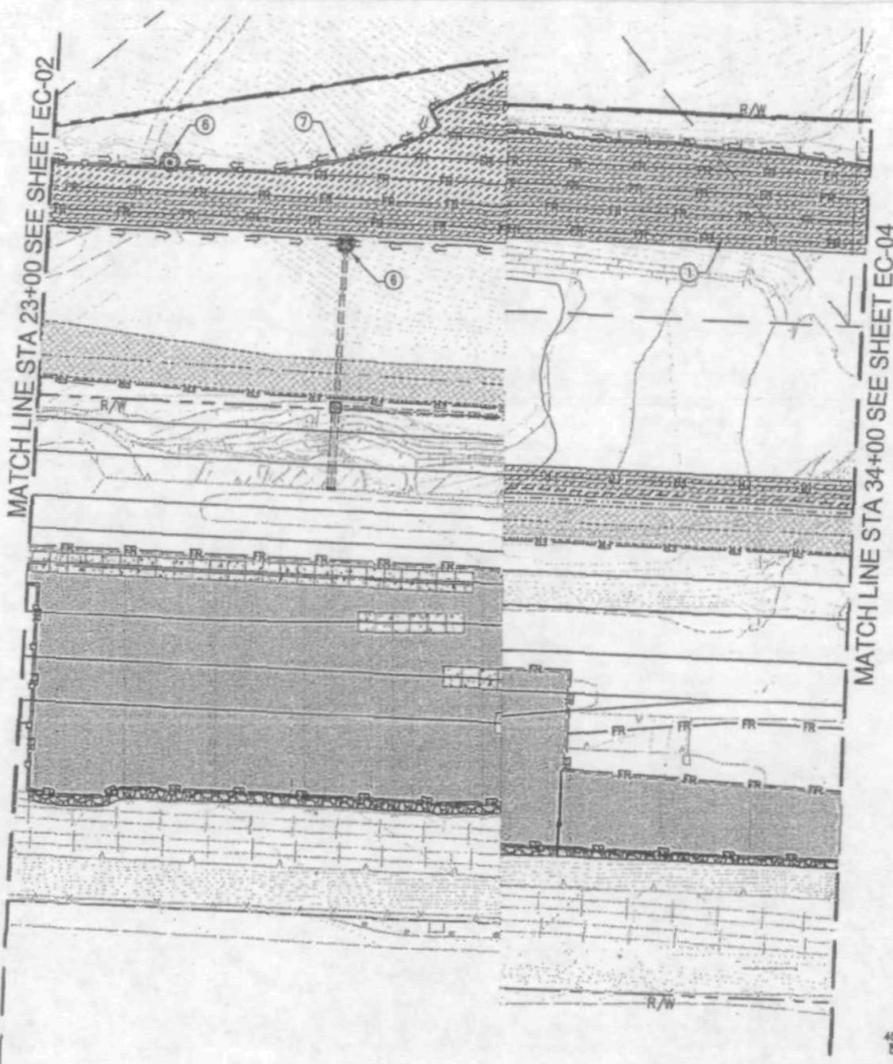
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SAN YSIDRO YARD IMPROVEMENT PROJECT

EROSION CONTROL PLANS

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AS SHOWN	
CONTRACT NO. CIP 1300801	
DRAWING NO. EC-02	SHEET NO.

65% PLANS NOT FOR CONSTRUCTION
AUGUST 25, 2011



NOTE:

NOT ALL ITEMS INDICATED IN LEGEND AND NOTES APPLY TO EACH SHEET.

EROSION CONTROL PLAN LEGEND:

DESCRIPTION	SEE CON. NOTE #	CASQA BMP MANUAL STD. DWG.
FIBER ROLLS	①	SE-5
ENERGY DISSIPATOR	②	EC-10
STABILIZED CONSTRUCTION ENTRANCE	③	TC-1
GRAVEL BAG BERM	④	SE-6
GRAVEL BAG CHECK DAM	⑤	SE-4
STORM DRAIN INLET PROTECTION	⑥	SE-10
SILT FENCE	⑦	SE-1
HYDRAULIC MULCH	⑧	EC-3
RUN ON/RUN OFF SAMPLING LOCATION		

EROSION AND SEDIMENT CONTROL NOTES:

P SHEETS REFER TO CASQA (JULY 2010) AND PROJECT'S FINAL APPROVED SWPPP.

CONTRACTOR TO IMPLEMENT STREET SWEEPING AND VACUUMING (PER BMP SHEET SE-7) ALONG ALL OF THE OFFSITE EXISTING PAVED ROADWAY WHERE SEDIMENT IS OBSERVED.

DISCHARGES FROM IRRIGATION LINES, POTABLE WATER LINES, OR HYDRANT FLUSHING OCCUR CONTRACTOR MUST IMPLEMENT POTABLE WATER/IRRIGATION PER BMP SHEET NS-7, AS APPLICABLE.

CONTRACTOR TO ALSO IMPLEMENT THE FOLLOWING CONSTRUCTION BMPS, AS NECESSARY:
 1. STABILIZATION, PER BMP SHEETS EC-1
 2. EROSION CONTROL, PER BMP SHEETS WE-1
 3. SOIL CONSERVATION PRACTICES, PER BMP SHEET NS-1
 4. SPILL PREVENTION/CONTAINMENT, PER BMP SHEETS NS-6

CONTRACTOR SHALL CONSIDER OTHER CONTROL MEASURES, AS NECESSARY, TO SUPPLEMENT THE CRITICAL EROSION CONTROL MEASURES SHOWN ON THESE PLANS, IN ORDER TO MEET THE POLLUTION CONTROL REQUIREMENTS OF THE SWPPP.

CONTRACTOR SHALL CONSIDER OTHER CONTROL MEASURES, AS NECESSARY, TO SUPPLEMENT THE CRITICAL EROSION CONTROL MEASURES SHOWN ON THESE PLANS, IN ORDER TO MEET THE POLLUTION CONTROL REQUIREMENTS OF THE SWPPP.

CONTRACTOR SHALL CONSIDER OTHER CONTROL MEASURES, AS NECESSARY, TO SUPPLEMENT THE CRITICAL EROSION CONTROL MEASURES SHOWN ON THESE PLANS, IN ORDER TO MEET THE POLLUTION CONTROL REQUIREMENTS OF THE SWPPP.

Drawing source: P:\17102 San Ysidro Final Budget\GIS\Shaded\San Ysidro\SWPPP\2011-08-03.dwg EC-03 Aug 14, 2011 12:49pm by: cpl/abm

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SAN YSIDRO YARD IMPROVEMENT PROJECT

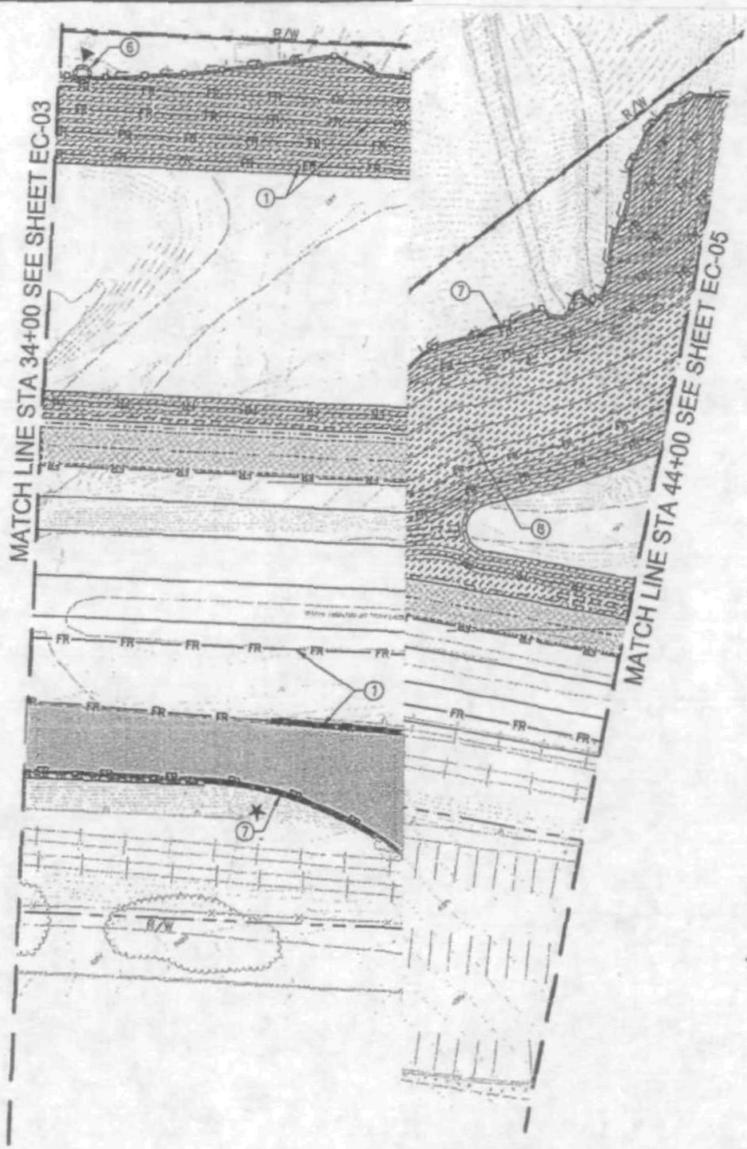
EROSION CONTROL PLANS

BURBANK STATE UNIVERSITY

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CONTRACT NO.	
CIP 1300601	
DRAWING NO.	SHEET NO.
EC-03	

65% PLANS NOT FOR CONSTRUCTION AUGUST 25, 2011

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NOTE:

NOT ALL ITEMS INDICATED IN LEGEND AND NOTES APPLY TO EACH SHEET.

EROSION CONTROL PLAN LEGEND:

DESCRIPTION	SEE CONL. NOTE #	CASQA BMP MANUAL STD.	DWG.
FIBER ROLLS	①	SE-5	
ENERGY DISSIPATOR	②	EC-10	
STABILIZED CONSTRUCTION ENTRANCE	③	TC-1	
GRAVEL BAG BERM	④	SE-6	
GRAVEL BAG CHECK DAM	⑤	SE-4	
STORM DRAIN INLET PROTECTION	⑥	SE-10	
SILT FENCE	⑦	SE-1	
HYDRAULIC MULCH	⑧	EC-3	
RUN ON/RUN OFF SAMPLING LOCATION			

ION AND SEDIMENT CONTROL NOTES:

5 REFER TO CASQA (JULY 2010) AND PROJECT'S FINAL APPROVED SWPPP.

1 IMPLEMENT STREET SWEEPING AND VACUUMING (PER BMP SHEET SE-7) ALONG ALL OFFSITE EXISTING PAVED ROADWAY WHERE SEDIMENT IS OBSERVED.

FROM IRRIGATION LINES, POTABLE WATER LINES, OR HYDRANT FLUSHING OCCUR CTOR MUST IMPLEMENT POTABLE WATER/IRRIGATION PER BMP SHEET NS-7, AS

ALSO IMPLEMENT THE FOLLOWING CONSTRUCTION BMPs, AS NECESSARY:

- PER BMP SHEETS EC-1
- 4 CONTROL PER BMP SHEETS WE-1
- ERVATION PRACTICES, PER BMP SHEET NS-1
- CTION/DISCHARGE, PER BMP SHEETS NS-6

THE POTENTIAL TO CAUSE WATER POLLUTION, AS DETERMINED BY THE ENGINEER, SHALL BE . SWPPP REVISIONS HAVE BEEN SUBMITTED TO THE ENGINEER BY THE CONTRACTOR, AND

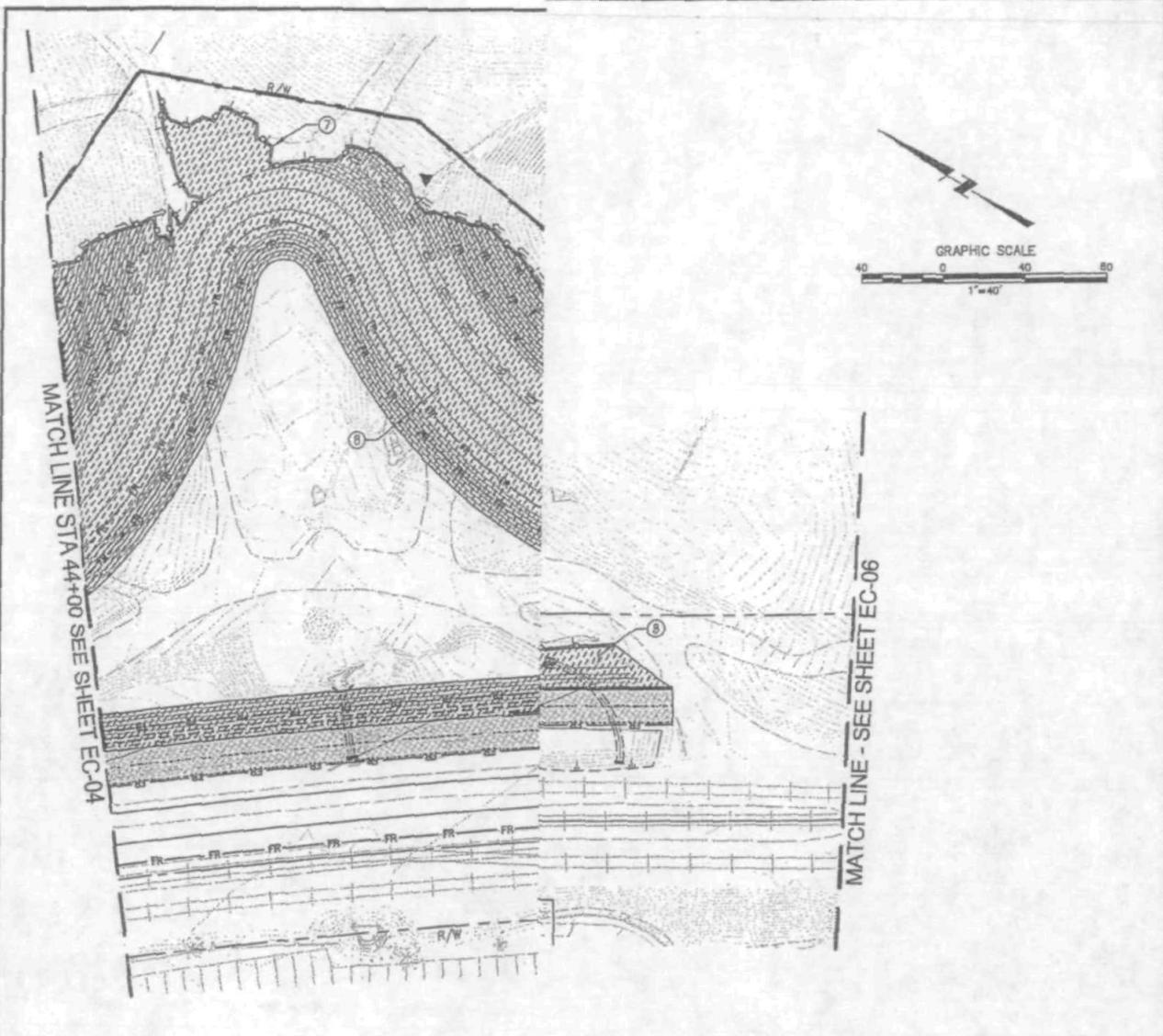
SHALL CONSIDER OTHER CONTROL MEASURES, AS NECESSARY, TO SUPPLEMENT THE CRITICAL ROL MEASURES SHOWN ON THESE PLANS, IN ORDER TO MEET THE POLLUTION CONTROL HE SWPPP.

QUIPMENT CLEANING, FUELING, AND/OR MAINTENANCE (PER BMP SHEETS NS-8, N-9, SPECTIVELY) SHALL NOT BE PERFORMED ON SITE.

NO.	DATE	REVISIONS	BY	CHK	APRV

SAN YSIDRO YARD IMPROVEMENT PROJECT		SCALE AS SHOWN	
EROSION CONTROL PLANS		CONTRACT NO. CIP 1300601	
DRAWING NO. EC-04	SHEET NO.		

65% PLANS NOT FOR CONSTRUCTION
AUGUST 25, 2011



NOTE:

NOT ALL ITEMS INDICATED IN LEGEND AND NOTES APPLY TO EACH SHEET.

EROSION CONTROL PLAN LEGEND:

DESCRIPTION	SEE CON. NOTE #	CASQA BMP MANUAL STD. DWG.
FIBER ROLLS	①	SE-5
ENERGY DISSIPATOR	②	EC-10
STABILIZED CONSTRUCTION ENTRANCE	③	TC-1
GRAVEL BAG BERM	④	SE-6
GRAVEL BAG CHECK DAM	⑤	SE-4
STORM DRAIN INLET PROTECTION	⑥	SE-10
SILT FENCE	⑦	SE-1
HYDRAULIC MULCH	⑧	EC-3
RUN ON/RUN OFF SAMPLING LOCATION		

POLLUTION AND SEDIMENT CONTROL NOTES:

ALL NOTES REFER TO CASQA (JULY 2010) AND PROJECT'S FINAL APPROVED SWPPP.

IMPLEMENT STREET SWEEPING AND VACUUMING (PER BMP SHEET SE-7) ALONG ALL OFFSITE EXISTING PAVED ROADWAY WHERE SEDIMENT IS OBSERVED.

IF POLLUTION FROM IRRIGATION LINES, POTABLE WATER LINES, OR HYDRANT FLUSHING OCCUR CONTRACTOR MUST IMPLEMENT POTABLE WATER/IRRIGATION PER BMP SHEET NS-7, AS APPLICABLE.

CONTRACTOR SHALL ALSO IMPLEMENT THE FOLLOWING CONSTRUCTION BMPs, AS NECESSARY:

- 1. PER BMP SHEETS EC-1 THROUGH EC-10
- 2. POLLUTION CONTROL, PER BMP SHEETS WE-1 THROUGH WE-4
- 3. CONSTRUCTION PRACTICES, PER BMP SHEET NS-1 THROUGH NS-6
- 4. POLLUTION PREVENTION/DISCHARGE, PER BMP SHEETS NS-5 THROUGH NS-6

CONTRACTOR SHALL ASSESS THE POTENTIAL TO CAUSE WATER POLLUTION, AS DETERMINED BY THE ENGINEER, SHALL BE SUBMITTED TO THE ENGINEER BY THE CONTRACTOR, AND REVISIONS HAVE BEEN SUBMITTED TO THE ENGINEER BY THE CONTRACTOR, AND

CONTRACTOR SHALL CONSIDER OTHER CONTROL MEASURES, AS NECESSARY, TO SUPPLEMENT THE CRITICAL CONTROL MEASURES SHOWN ON THESE PLANS, IN ORDER TO MEET THE POLLUTION CONTROL REQUIREMENTS OF THE SWPPP.

EQUIPMENT CLEANING, FUELING, AND/OR MAINTENANCE (PER BMP SHEETS NS-8, N-9, AND N-10, RESPECTIVELY) SHALL NOT BE PERFORMED ON SITE.

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NO.	DATE	REVISIONS	BY	CHK	APRV

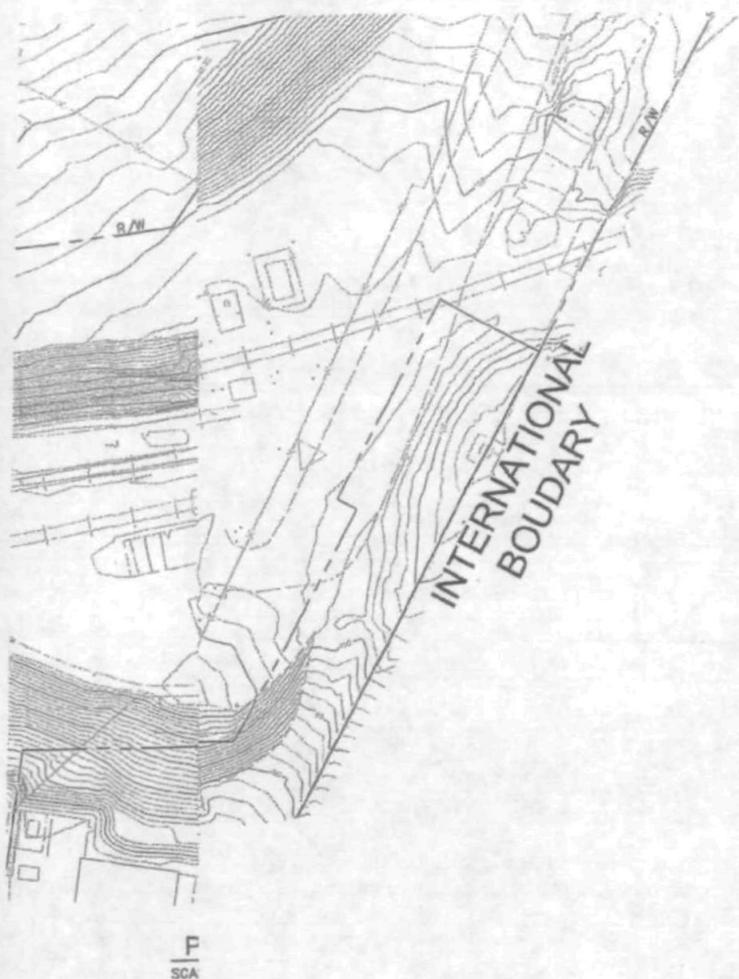
SAN YSIDRO YARD IMPROVEMENT PROJECT

EROSION CONTROL PLANS

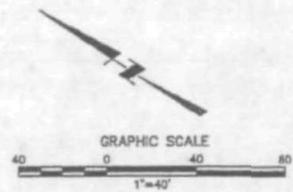
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65% PLANS NOT FOR CONSTRUCTION AUGUST 25, 2011



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EROSION AND SEDIMENT CONTROL NOTES:

1. FOR BMP SHEETS REFER TO CASQA (JULY 2010) AND PROJECT'S FINAL APPROVED SWPPP.
2. CONTRACTOR TO IMPLEMENT STREET SWEEPING AND VACUUMING (PER BMP SHEET SE-7) ALONG ALL AREAS OF THE OFFSITE EXISTING PAVED ROADWAY WHERE SEDIMENT IS OBSERVED.
3. IF DISCHARGES FROM IRRIGATION LINES, POTABLE WATER LINES, OR HYDRANT FLUSHING OCCUR ONSITE, CONTRACTOR MUST IMPLEMENT POTABLE WATER/IRRIGATION PER BMP SHEET NS-7, AS NECESSARY.
4. CONTRACTOR TO ALSO IMPLEMENT THE FOLLOWING CONSTRUCTION BMPs, AS NECESSARY:
 - SCHEDULING, PER BMP SHEETS EC-1
 - WIND EROSION CONTROL, PER BMP SHEETS WE-1
 - WATER CONSERVATION PRACTICES, PER BMP SHEET NS-1
 - ILLICIT CONNECTION/DISCHARGE, PER BMP SHEETS NS-6
5. NO WORK HAVING THE POTENTIAL TO CAUSE WATER POLLUTION, AS DETERMINED BY THE ENGINEER, SHALL BE PERFORMED UNTIL SWPPP REVISIONS HAVE BEEN SUBMITTED TO THE ENGINEER BY THE CONTRACTOR, AND APPROVED.
6. THE CONTRACTOR SHALL CONSIDER OTHER CONTROL MEASURES, AS NECESSARY, TO SUPPLEMENT THE CRITICAL TEMPORARY CONTROL MEASURES SHOWN ON THESE PLANS, IN ORDER TO MEET THE POLLUTION CONTROL OBJECTIVES OF THE SWPPP.
7. VEHICLE AND EQUIPMENT CLEANING, FUELING, AND/OR MAINTENANCE (PER BMP SHEETS NS-8, N-9, AND NS-10 RESPECTIVELY) SHALL NOT BE PERFORMED ON SITE.

CONSTR

1. INSTALL FIBER MAINTENANCE.
2. INSTALL ENER APPLICATION, YES.
3. INSTALL STABI RUMBLE RACK MAINTENANCE
4. INSTALL GRAY INSTALLATION, RES.
5. INSTALL GRAY, MAINTENANCE.
6. INSTALL STOR INSTALLATION.
7. INSTALL SILT DE, INSPECTION IF
8. INSTALL HYDR MAINTENANCE



ANDAG

**SAN YSIDRO YARD
IMPROVEMENT PROJECT**

EROSION CONTROL PLANS

SCALE	
AS SHOWN	
CONTRACT NO. CIP 1300601	
DRAWING NO. EC-06	SHEET NO.

65% PLANS NOT FOR CONSTRUCTION
AUGUST 25, 2011

SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:
 Rob Rundle
 SANDAG
 401 B Street
 Suite 800
 San Diego, CA
 92101

COMPLETE THIS SECTION ON DELIVERY

A. Signature
X Agent
 Addressee

B. Received by (Printed Name) C. Date of Delivery

D. Is delivery address different from item 1? Yes
 If YES, enter delivery address below: No

3. Service Type
 Certified Mail Express Mail
 Registered Return Receipt for Merchandise
 Insured Mail C.O.D.

4. Restricted Delivery? (Extra Fee) Yes

2. Article Number (Transfer from service label) 7011 0470 0002 8961 5209

PS Form 3811, February 2004 4-18 Domestic Return Receipt *Bill Pactor* 102595-02-M-1540

U.S. Postal Service™
CERTIFIED MAIL RECEIPT
 (Domestic Mail Only; No Insurance Coverage Provided)

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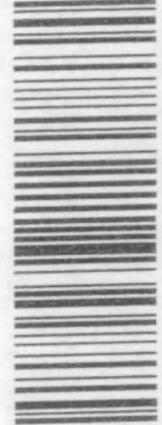
Postage	\$	
Certified Fee		
Return Receipt Fee (Endorsement Required)		
Restricted Delivery Fee (Endorsement Required)		
Total Postage & Fees	\$	5.25

Postmark Here

Sent to
 Rob Rundle SANDAG
 Street, Apt. No.,
 or PO Box No. 401 B Street Suite 800
 City, State, ZIP+4
 San Diego CA 92101

PS Form 3800, August 2006 See Reverse for Instructions

7011 0470 0002 8961 5209



PLACE STICKER AT TOP OF ENVELOPE TO THE RIGHT OF THE RETURN ADDRESS. HOLD AT DOTTED LINE.
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