Variance Request Form

PG&E Hollister 115 kV Power Line Reconductoring Project

Variance Request No.: 22

CONTRACTOR SECTION

Request Prepared By: Pacific Gas and Electric Company (PG&E)

Photos? ☐Yes ☒No

Landowner: Margueritte E. Setrinni
Patricia Christenson
Kathleen Manning

Current Land Use: Agriculture (grazing)

Attachments? ☒Yes ☐No

- Attachment A: Alternative Concrete Washouts Location Map
- Attachment B: SWPPP WM-8

Permit Measure or Specification:

- California Public Utilities Commission (CPUC) Mitigated Negative Declaration (MND) Project Description
  - Deviation from the project description to allow three concrete washout locations located outside of staging areas.

Detailed Description of Variance:

As construction has progressed, it has become apparent to PG&E that the locations for concrete washout stations originally identified in the MND do not adequately illustrate all of the areas that would be necessary to perform concrete washout throughout construction of the project. PG&E is requesting authorization from the CPUC to allow use of additional locations for concrete washout stations.

The MND stated that concrete trucks would be washed out at portable stations established for concrete clean-up at staging areas throughout the project area. The MND identified five staging areas along the Hollister Tower Segment and six along the Hollister Pole Segment, each approximately five acres in size, and specified that the locations of concrete washout stations would be approved by an environmental monitor. Each washout station would include dike walls and tarping to allow washed materials to be contained properly for disposal.

The following three additional concrete washout (CW) locations are proposed, as depicted on Attachment A: Alternative Concrete Washout Locations Map:

1. CW-1: Along the access road between Towers 1/10 and 1/11
2. CW-2: Along the access road to Towers 3/17 through 3/21
3. CW-3: Tower Pull Site (TP)-6

These above-grade concrete washout facilities will be approximately 20 feet by 30 feet (0.01 acre) each and will be constructed in accordance with the requirements of the project's MND and Storm Water Pollution Prevention Plan (SWPPP). These are specified in Measure WM-8 of the SWPPP, included as Attachment B: SWPPP MW-8. In addition, the concrete washout locations will be fenced with barbed wire to exclude cattle.

Variance Justification:

PG&E is requesting this variance for the following reason:

1) Additional concrete washout locations not included on the MND or previous variances, but that are necessary for the establishment of concrete washout stations, have been added to the maps.

Because of the steep topography within portions of the tower segment, a conventional concrete truck cannot safely pass some of the access roads and overland travel routes in the tower segment. An off-road tracked concrete truck will be used instead to ensure that concrete can be safely delivered to the tower work areas. It is necessary to transfer concrete from a delivery truck to the off-road concrete truck onsite, and to wash out trucks following use. The off-road truck moves slowly and must be washed-out before it has time to return to a staging area. Therefore, it is infeasible to construct the project using only the existing staging areas shown in the MND and in previous variances.

As described in the following resource evaluation section, potential impacts associated with this variance are consistent with those evaluated during the CEQA review and will not result in any new significant impacts that were not previously identified. Environmental protection measures will be implemented as described in the MND, SWPPP, and other project permits.

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PG&E ENVIRONMENTAL SECTION

RESOURCE EVALUATION

The proposed variance was analyzed to verify that the project change would not introduce new significant impacts and that any potential impacts were fully analyzed in the MND. The following table provides a brief summary of that analysis for each resource area analyzed in the MND.

CEQA SECTION	Applicable	(Y) Define Potential Impact or (N) Briefly Explain Why CEQA Section is Not Applicable
Aesthetics	☒ Y ☐ N	*No Change.* No new sources of light or glare will be introduced to the area from use of additional concrete washout stations. The use of the concrete washout stations will not substantially degrade the quality of the site and its surroundings because views of the stations will be of short duration and not visible from public roads. In addition, environmental protection measures will be implemented as described in the MND. Therefore, potential impacts are consistent with those evaluated in the MND, and the use of additional concrete washout stations will not create significant additional impacts to aesthetics.
Agriculture and Forestry Resources	☒ Y ☐N	*No Change.* The concrete washout stations will not be located in Important Farmland, but will be located in grazing land. The concrete washout stations will result in approximately 0.02 acre of temporary conversion of grazing land (CW-3 is located within TP-6 and therefore not included in this calculation). The concrete washout stations will not significantly impact agricultural activities because their use is temporary and relatively short term and will not convert agricultural land to non-agricultural use. Use of these stations will not result in impacts to forestry resources because the locations will not require additional tree trimming or removal. Use of these stations will not conflict with Williamson Act contracts or existing zoning because they will not result in any changes to existing land uses. Environmental protection measures will be implemented as described in the MND and barbed wire fencing will be installed to prevent cattle from entering. Therefore, potential impacts are consistent with those evaluated in the MND, and the use of additional concrete washout locations will not create significant additional impacts to agriculture or forestry resources.
Air Quality and Greenhouse Gas Emissions	☒ Y ☐N	*No Change.* The use of additional concrete washout locations will not increase traffic beyond the estimated 200 construction-related vehicle trips per day that were analyzed in the MND. In addition, the use of these concrete washout locations will not increase the amount or use of heavy equipment on the project and, therefore, will not increase emissions or fugitive dust, beyond what was analyzed in the MND. The concrete washout stations will not be located close to residences or sensitive receptors; therefore, pollutant concentrations and objectionable odors will not increase beyond those described in the MND. Environmental protection measures will be implemented as described in the MND. Therefore, potential impacts are consistent with those evaluated in the MND, and the use of additional concrete washout locations will not create significant additional impacts to air quality or greenhouse gas emissions.
Biological Resources	☒ Y ☐ N	*No Change.* The MND evaluated the project areas and a 500-foot buffer for special-status wildlife species. The additional concrete washout locations are located within the 500-foot survey buffer and were, therefore, evaluated in the MND. The additional concrete washout locations will result in approximately 0.02 acre of disturbance. Applicant-Proposed Measures (APMs) and mitigation measures in the MND require pre-construction wildlife surveys for burrowing owl, American badger, and San Joaquin kit fox to be conducted

		within 30 days prior to use of these concrete washout locations. A report describing the survey results will be submitted to the CPUC prior to use. If any special-status species or nesting birds are observed, the appropriate and required measures, including construction buffers will be implemented as described in the MND and project permits. The use of additional concrete washout locations will not require any additional tree trimming or removal. Environmental protection measures will be implemented as described in the MND and other project permits. All alternative concrete washouts will be located at least 100 feet from any water resources, including drainages. The project SWPPP recommends setbacks of at least 50 feet. Therefore, potential impacts to biological resources associated with this variance are consistent with those evaluated in the MND, and the use of additional concrete washout locations will not create significant additional impacts to biological resources.
Cultural Resources	☒ Y ☐ N	*No Change.* PG&E prepared a Historic Properties Inventory Report, which included an evaluation of cultural resources in the project area and a 500-foot buffer. The additional concrete washout locations are located within the 500-foot survey buffer and were, therefore, included in the evaluation. The proposed new locations are not located in areas of high archaeological sensitivity and do not require ground disturbance. Other environmental protection measures will be implemented as described in the MND and other project permits. Therefore, potential impacts to cultural resources associated with this variance are consistent with those evaluated in the MND, and the use of additional concrete washout locations will not create significant additional impacts to cultural resources.
Geology, Soils, and Seismicity	☒ Y ☐N	*No Change.* The additional concrete washout locations were included in the evaluation of geology, soils, and seismicity in the project area, and will not result in new geology, soils, or seismicity impacts. Environmental protection measures will be implemented as described in the MND. Therefore, potential impacts are consistent with those evaluated in the MND, and the use of additional concrete washout locations will not create significant additional geology, soils, or seismicity impacts.
Hazards and Hazardous Materials	☒ Y ☐ N	*No Change.* The use of additional concrete washout locations will not create new significant hazards or require new hazardous materials because construction activities will not change. The measures described in Attachment B: SWPPP MW-8 describes the methods that will be utilized to ensure that use of the new concrete washout areas does not result in Hazards and Hazardous Materials impacts. Environmental protection measures will be implemented as described in the MND and SWPPP. Therefore, potential impacts are consistent with those evaluated in the MND, and the use of additional concrete washout locations will not create significant additional impacts from hazards or hazardous materials.
Hydrology and Water Quality	☒ Y ☐ N	*No Change.* The use of additional concrete washout locations will not result in new significant impacts to hydrology and water quality. The additional concrete washout locations will not require grading or other improvements. In addition, environmental protection measures will be implemented as described in the SWPPP to prevent concrete washout from impacting drainages or other water features. Potential impacts are consistent with those evaluated in the MND, and the use of additional concrete washout locations will not create significant additional impacts to hydrology or water quality.
Land Use and Planning	☒ Y ☐N	*No Change.* The use of additional concrete washout locations will not result in new significant impacts to land use because the current land use will not be converted and the use of these areas will be temporary. Therefore, potential

		impacts are consistent with those evaluated in the MND, and the use of additional concrete washout locations will not create significant additional impacts to land use or planning.
Mineral Resources	☒ Y ☐ N	*No Change.* The additional concrete washout locations are not located on any known mineral resources. Therefore, potential impacts are consistent with those evaluated in the MND, and the use of additional concrete washout locations will not create additional significant impacts to mineral resources.
Noise	☒ Y ☐ N	*No Change.* The use of additional concrete washout locations will not result in new significant impacts from noise because these stations will not be located closer to residences or sensitive receptors. The use of these stations will not increase traffic beyond the estimated 200 construction-related vehicle trips per day that were analyzed in the MND. In addition, impacts to noise as a result of construction vehicles and equipment were analyzed in the MND, and use of additional concrete washout locations will have the same impacts. Environmental protection measures will be implemented as described in the MND. Therefore, potential impacts are consistent with those evaluated in the MND, and the use of additional concrete washout locations will not create additional significant impacts from noise.
Population and Housing	☒ Y ☐ N	*No Change.* The additional concrete washout locations will not be closer to residences than those described in the MND and use of these stations will not induce population growth or displace existing housing or people. Therefore, potential impacts are consistent with those evaluated in the MND, and the use of additional concrete washout locations will not create additional significant impacts to population or housing.
Public Services	☒ Y ☐ N	*No Change.* The use of additional concrete washout locations will not result in any impacts on public services because use of these stations will be of relatively short duration. The MND found that potential impacts on emergency response services, fire protection services, police services, school facilities, recreational facilities, public libraries, and hospitals will be less than significant because construction activities are temporary and do not require construction of new or physically altered governmental facilities for public services. Environmental protection measures will be implemented as described in the MND. Therefore, potential impacts are consistent with those evaluated in the MND and the use of additional concrete washout locations will not create additional significant impacts to public services.
Recreation	☒ Y ☐ N	*No Change.* Impacts to recreational resources will not increase beyond those identified in the MND because the additional concrete washout locations are not located near any recreational facilities. The use of these stations will not indirectly increase demand for or impact recreational facilities. Environmental protection measures will be implemented as described in the MND. Therefore, potential impacts are consistent with those evaluated in the MND, and the use of additional concrete washout locations will not create additional significant impacts to recreation.
Transportation and Traffic	☒ Y ☐ N	*No Change.* The use of additional concrete washout locations will not result in new impacts to transportation or traffic because these locations will not be accessible to the public or create new routes for transportation. The use of additional concrete washout locations will not increase traffic beyond what was analyzed in the MND. Environmental protection measures will be implemented as described in the MND. Therefore, potential impacts are consistent with those evaluated in the MND, and the use of additional concrete washout locations will not create additional significant impacts to

		transportation or traffic.
Utilities and Service Systems	☒ Y ☐ N	*No Change.* The use of additional concrete washout locations will not result in new significant impacts to existing utilities or service systems because use of these stations will be of relatively short duration and construction activities will not change. Environmental protection measures will be implemented as described in the MND. Therefore, potential impacts are consistent with those evaluated in the MND, and the use of additional concrete washout locations will not create additional significant impacts to utility or service systems.
Other Variance Conditions Attached: ☐Yes ☒ No		

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PG&E Approval					
Title	**Name**	**Approval Initials**	**Date**	**Conditions (see attached)**	
Project Manager	Keith Miller	KM	07-20-12	☐ Yes	☒ No
Lead Environmental Inspector	Nick Fisher	NF	07-20-12	☐ Yes	☒ No
PG&E Project Biologist (if applicable)	Andrea Henke	AH	07-20-12	☐ Yes	☒ No
PG&E Project Archaeologist (if applicable)	Wendy Nettles			☐ Yes	☒ No
PG&E Storm Water Program Manager (if applicable)	Lavender Lee			☐ Yes	☒ No
PG&E Environmental Compliance Lead	Andy Smith	AS	07-20-12	☐ Yes	☒ No
PG&E Project Manager (if applicable)	Art de la Rocha			☐ Yes	☒ No

Landowner Approval (if needed)		
Landowner Name	**Approval Signature**	**Date**
NA	NA	NA

Resource Agency Approvals	
Determine required agency approvals based on the following:	
Will biological resources/habitats be affected? NO	If yes, obtain CDFG and USFWS approval
Is this a variance from a permit? NO	If yes, obtain permitting agency approval
Will wetlands or waters of the U.S. be affected? NO	If yes, obtain U.S. Army Corps of Engineers approval
Will riparian areas or drainages be affected? NO	If yes, obtain CDFG approval – may require a permit
Will surface or groundwater be affected? NO	If yes, obtain RWQCB approval

Resource Agency	**Name**	**Approval Initials**	**Date**	**Conditions (see attached)**	
USFWS	NA			☐ Yes	☐ No
CDFG	NA			☐ Yes	☐ No
USACE	NA			☐ Yes	☐ No
RWQCB	NA			☐ Yes	☐ No

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CPUC and CPUC CONSULTANT SECTION

Variance Approved: ☐ Yes ☐ No

AFFECTED RESOURCE(s) and APPLICABLE MITIGATION MEASURES

☐ Air Quality: ☐ Soils: ☐ Noise:

☐ Hazards and Hazardous Materials: ☐ Transportation and Traffic:

Other Variance Conditions Attached: ☐ Yes ☐ No

REQUIRED APPROVAL SIGNATURES

Consultant Environmental Monitor: (Note: signature signifies review only)

Consultant Project Manager: _____ ☐ Level 1 Verbal Approval

CPUC Project Manager: ☐ Level 1 Verbal Approval

Level 1 variances require only verbal approval from CPUC Project Manager and Consultant Project Manager. Level 2 variances require signatures.

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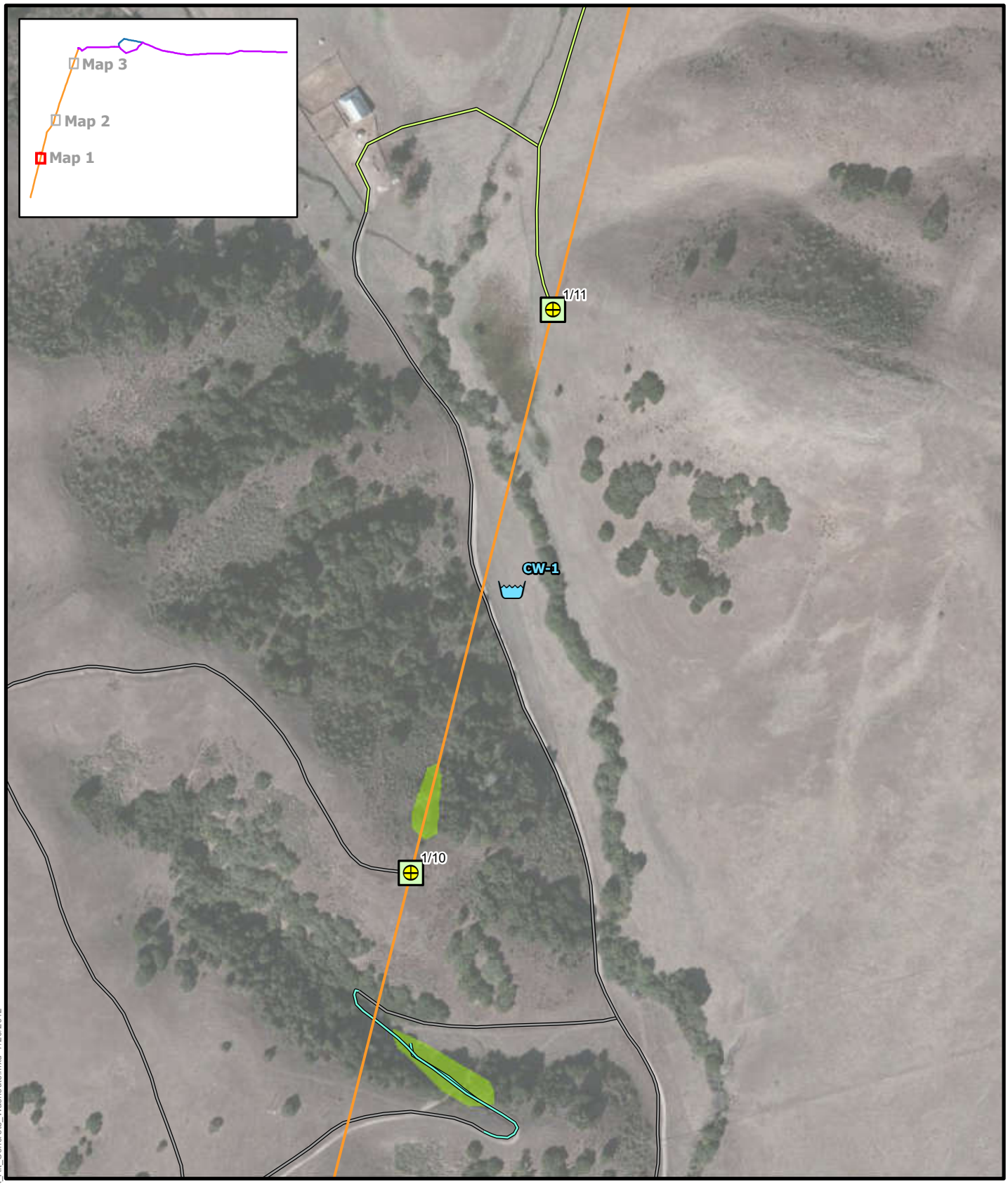
VARIANCE CONDITIONS

Condition Name:
Conditions:
Condition Name:
Conditions:
Condition Name:
Conditions:



Attachment A: Alternative Concrete Washout Locations Map 1 of 3

Hollister 115 kV Power Line Reconductoring Project

- Hollister Pole Segment
- Hollister Tower Segment
- River Crossing
- Alternative Concrete Washout
- Construction Area
- Tree Removal and Trimming
- Existing Tower
- New Tower
- Existing Crane Pad
- Proposed Gate
- Overland Travel Route
- New Road
- Existing Road
- Existing Road - Needs Improvement

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INSIGNIA ENVIRONMENTAL

N W E S

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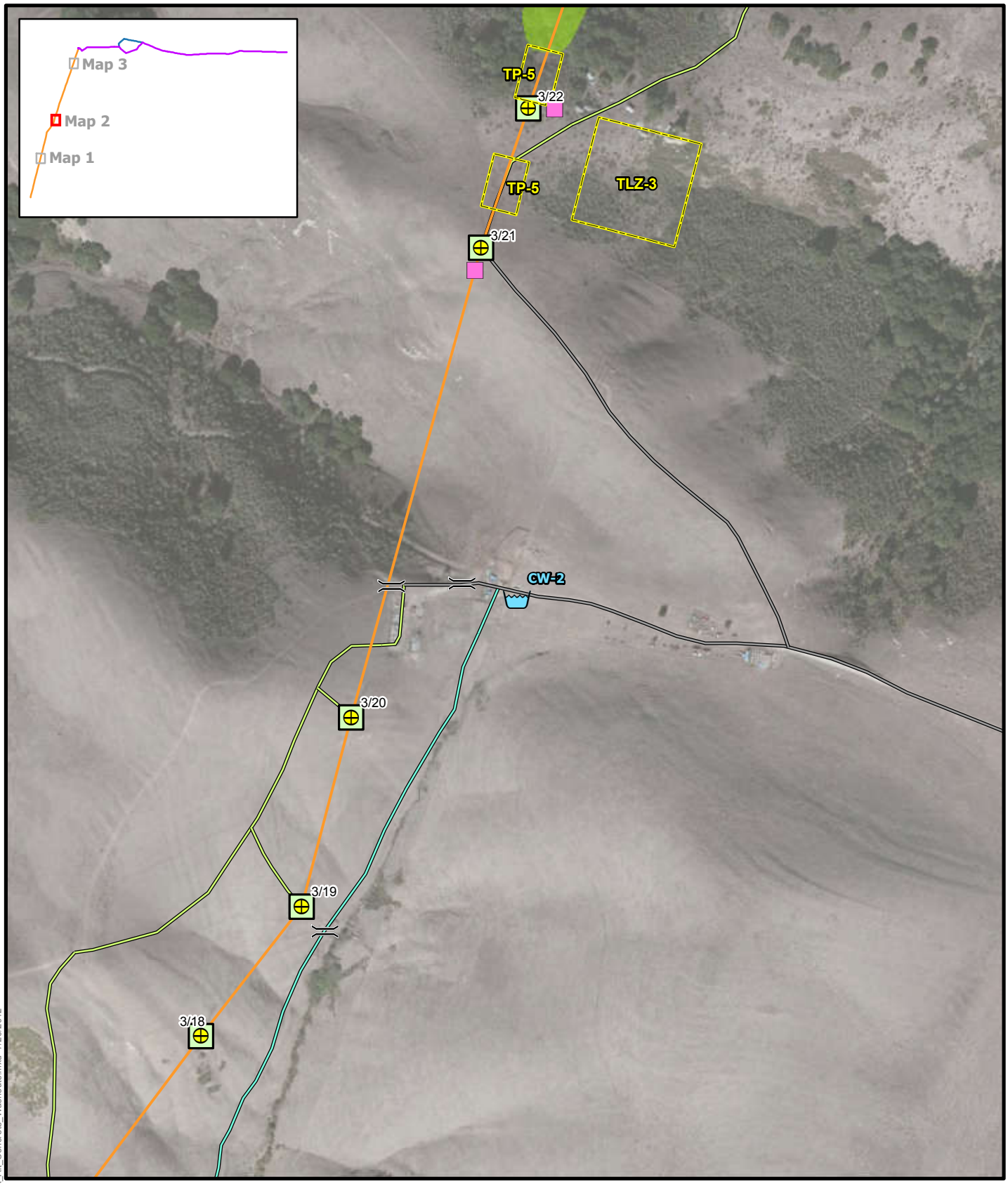

Attachment A: Alternative Concrete Washout Locations Map 2 of 3

Hollister 115 kV Power Line Reconductoring Project

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INSIGNIA ENVIRONMENTAL

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Attachment A: Alternative Concrete Washout Locations Map 3 of 3

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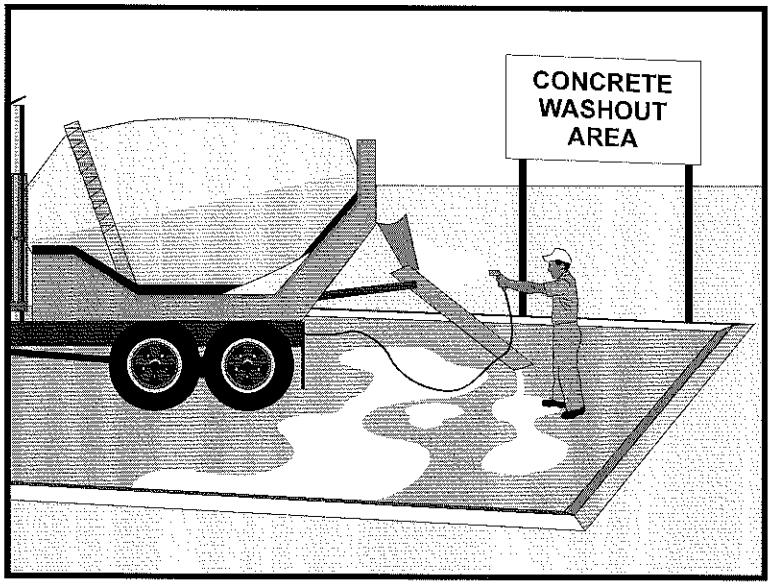
Concrete Waste Management WM-8



Categories

EC	Erosion Control	
SE	Sediment Control	
TC	Tracking Control	
WE	Wind Erosion Control	
NS	Non-Stormwater Management Control	☒
WM	Waste Management and Materials Pollution Control	☑

Legend:
☑ **Primary Category**
☒ **Secondary Category**

Targeted Constituents

Sediment	☑
Nutrients	
Trash	
Metals	☑
Bacteria	
Oil and Grease	
Organics	

Potential Alternatives

None

Description and Purpose

Prevent the discharge of pollutants to stormwater from concrete waste by conducting washout onsite or offsite in a designated area, and by employee and subcontractor training.

The General Permit incorporates Numeric Effluent Limits (NEL) and Numeric Action Levels (NAL) for pH (see Section 2 of this handbook to determine your project's risk level and if you are subject to these requirements).

Many types of construction materials, including mortar, concrete, stucco, cement and block and their associated wastes have basic chemical properties that can raise pH levels outside of the permitted range. Additional care should be taken when managing these materials to prevent them from coming into contact with stormwater flows and raising pH to levels outside the accepted range.

Suitable Applications

Concrete waste management procedures and practices are implemented on construction projects where:

- Concrete is used as a construction material or where concrete dust and debris result from demolition activities.
- Slurries containing portland cement concrete (PCC) are generated, such as from saw cutting, coring, grinding, grooving, and hydro-concrete demolition.

CASQA
CALIFORNIA STORMWATER

- Concrete trucks and other concrete-coated equipment are washed onsite.
- Mortar-mixing stations exist.
- Stucco mixing and spraying .
- See also NS-8, Vehicle and Equipment Cleaning.

Limitations

- Offsite washout of concrete wastes may not always be possible.
- Multiple washouts may be needed to assure adequate capacity and to allow for evaporation.

Implementation

The following steps will help reduce stormwater pollution from concrete wastes:

- Incorporate requirements for concrete waste management into material supplier and subcontractor agreements.
- Store dry and wet materials under cover, away from drainage areas. Refer to WM-1, Material Delivery and Storage for more information.
- Avoid mixing excess amounts of concrete.
- Perform washout of concrete trucks in designated areas only, where washout will not reach stormwater.
- Do not wash out concrete trucks into storm drains, open ditches, streets, streams or onto the ground. Trucks should always be washed out into designated facilities.
- Do not allow excess concrete to be dumped onsite, except in designated areas.
- For onsite washout:
  - On larger sites, it is recommended to locate washout areas at least 50 feet from storm drains, open ditches, or water bodies. Do not allow runoff from this area by constructing a temporary pit or bermed area large enough for liquid and solid waste.
  - Washout wastes into the temporary washout where the concrete can set, be broken up, and then disposed properly.
  - Washout should be lined so there is no discharge into the underlying soil.
- Do not wash sweepings from exposed aggregate concrete into the street or storm drain. Collect and return sweepings to aggregate base stockpile or dispose in the trash.
- See typical concrete washout installation details at the end of this fact sheet.

Education

- Educate employees, subcontractors, and suppliers on the concrete waste management techniques described herein.

- Arrange for contractor's superintendent or representative to oversee and enforce concrete waste management procedures.
- Discuss the concrete management techniques described in this BMP (such as handling of concrete waste and washout) with the ready-mix concrete supplier before any deliveries are made.

Concrete Demolition Wastes

- Stockpile concrete demolition waste in accordance with BMP WM-3, Stockpile Management.
- Dispose of or recycle hardened concrete waste in accordance with applicable federal, state or local regulations.

Concrete Slurry Wastes

- PCC and AC waste should not be allowed to enter storm drains or watercourses.
- PCC and AC waste should be collected and disposed of or placed in a temporary concrete washout facility (as described in Onsite Temporary Concrete Washout Facility, Concrete Transit Truck Washout Procedures, below).
- A foreman or construction supervisor should monitor onsite concrete working tasks, such as saw cutting, coring, grinding and grooving to ensure proper methods are implemented.
- Saw-cut concrete slurry should not be allowed to enter storm drains or watercourses. Residue from grinding operations should be picked up by means of a vacuum attachment to the grinding machine or by sweeping. Saw cutting residue should not be allowed to flow across the pavement and should not be left on the surface of the pavement. See also NS-3, Paving and Grinding Operations; and WM-10, Liquid Waste Management.
- Concrete slurry residue should be disposed in a temporary washout facility (as described in Onsite Temporary Concrete Washout Facility, Concrete Transit Truck Washout Procedures, below) and allowed to dry. Dispose of dry slurry residue in accordance with WM-5, Solid Waste Management.

Onsite Temporary Concrete Washout Facility, Transit Truck Washout Procedures

- Temporary concrete washout facilities should be located a minimum of 50 ft from storm drain inlets, open drainage facilities, and watercourses. Each facility should be located away from construction traffic or access areas to prevent disturbance or tracking.
- A sign should be installed adjacent to each washout facility to inform concrete equipment operators to utilize the proper facilities.
- Temporary concrete washout facilities should be constructed above grade or below grade at the option of the contractor. Temporary concrete washout facilities should be constructed and maintained in sufficient quantity and size to contain all liquid and concrete waste generated by washout operations.

- Temporary washout facilities should have a temporary pit or bermed areas of sufficient volume to completely contain all liquid and waste concrete materials generated during washout procedures.
- Temporary washout facilities should be lined to prevent discharge to the underlying ground or surrounding area.
- Washout of concrete trucks should be performed in designated areas only.
- Only concrete from mixer truck chutes should be washed into concrete wash out.
- Concrete washout from concrete pumper bins can be washed into concrete pumper trucks and discharged into designated washout area or properly disposed of or recycled offsite.
- Once concrete wastes are washed into the designated area and allowed to harden, the concrete should be broken up, removed, and disposed of per WM-5, Solid Waste Management. Dispose of or recycle hardened concrete on a regular basis.
- Temporary Concrete Washout Facility (Type Above Grade)
  - Temporary concrete washout facility (type above grade) should be constructed as shown on the details at the end of this BMP, with a recommended minimum length and minimum width of 10 ft; however, smaller sites or jobs may only need a smaller washout facility. With any washout, always maintain a sufficient quantity and volume to contain all liquid and concrete waste generated by washout operations.
  - Materials used to construct the washout area should conform to the provisions detailed in their respective BMPs (e.g., SE-8 Sandbag Barrier).
  - Plastic lining material should be a minimum of 10 mil in polyethylene sheeting and should be free of holes, tears, or other defects that compromise the impermeability of the material.
  - Alternatively, portable removable containers can be used as above grade concrete washouts. Also called a "roll-off"; this concrete washout facility should be properly sealed to prevent leakage, and should be removed from the site and replaced when the container reaches 75% capacity.
- Temporary Concrete Washout Facility (Type Below Grade)
  - Temporary concrete washout facilities (type below grade) should be constructed as shown on the details at the end of this BMP, with a recommended minimum length and minimum width of 10 ft. The quantity and volume should be sufficient to contain all liquid and concrete waste generated by washout operations.
  - Lath and flagging should be commercial type.
  - Plastic lining material should be a minimum of 10 mil polyethylene sheeting and should be free of holes, tears, or other defects that compromise the impermeability of the material.

- The base of a washout facility should be free of rock or debris that may damage a plastic liner.

Removal of Temporary Concrete Washout Facilities

- When temporary concrete washout facilities are no longer required for the work, the hardened concrete should be removed and properly disposed or recycled in accordance with federal, state or local regulations. Materials used to construct temporary concrete washout facilities should be removed from the site of the work and properly disposed or recycled in accordance with federal, state or local regulations..

- Holes, depressions or other ground disturbance caused by the removal of the temporary concrete washout facilities should be backfilled and repaired.

Costs

All of the above are low cost measures. Roll-off concrete washout facilities can be more costly than other measures due to removal and replacement; however, provide a cleaner alternative to traditional washouts. The type of washout facility, size, and availability of materials will determine the cost of the washout.

Inspection and Maintenance

- BMPs must be inspected in accordance with General Permit requirements for the associated project type and risk level. It is recommended that at a minimum, BMPs be inspected weekly, prior to forecasted rain events, daily during extended rain events, and after the conclusion of rain events.

- Temporary concrete washout facilities should be maintained to provide adequate holding capacity with a minimum freeboard of 4 in. for above grade facilities and 12 in. for below grade facilities. Maintaining temporary concrete washout facilities should include removing and disposing of hardened concrete and returning the facilities to a functional condition. Hardened concrete materials should be removed and properly disposed or recycled in accordance with federal, state or local regulations.

- Washout facilities must be cleaned, or new facilities must be constructed and ready for use once the washout is 75% full.

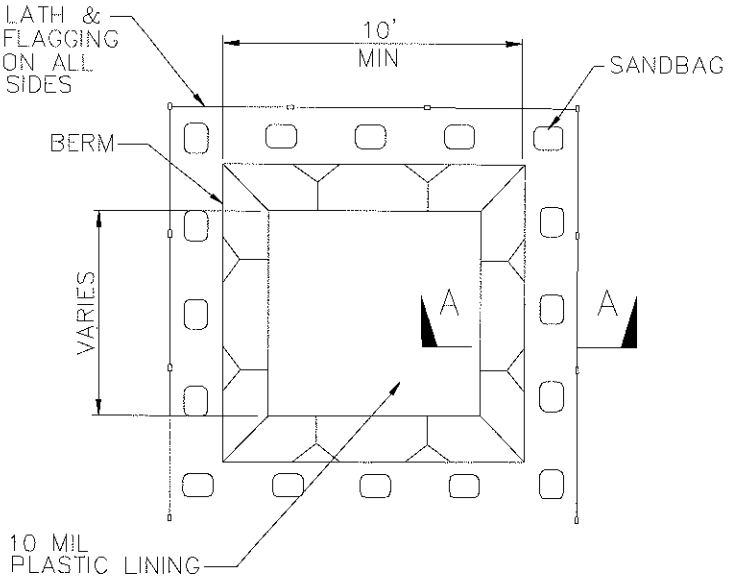
- Inspect washout facilities for damage (e.g. torn liner, evidence of leaks, signage, etc.). Repair all identified damage.

References

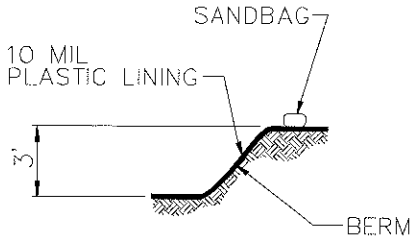
Blueprint for a Clean Bay: Best Management Practices to Prevent Stormwater Pollution from Construction Related Activities; Santa Clara Valley Nonpoint Source Pollution Control Program, 1995.

Stormwater Quality Handbooks - Construction Site Best Management Practices (BMPs) Manual, State of California Department of Transportation (Caltrans), November 2000, Updated March 2003.

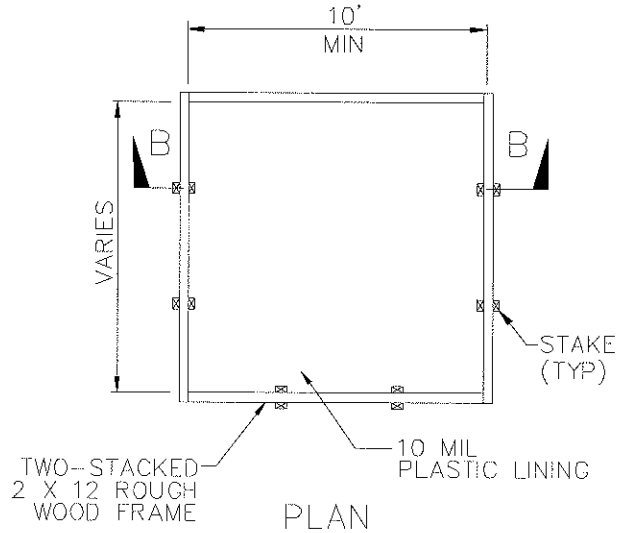
Stormwater Management for Construction Activities; Developing Pollution Prevention Plans and Best Management Practice, EPA 832-R-92005; USEPA, April 1992.



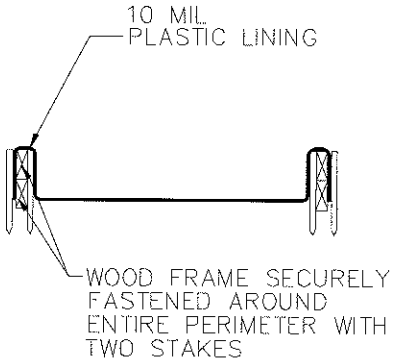
PLAN
NOT TO SCALE
TYPE "BELOW GRADE"



SECTION A–A
NOT TO SCALE



PLAN
NOT TO SCALE
TYPE "ABOVE GRADE"

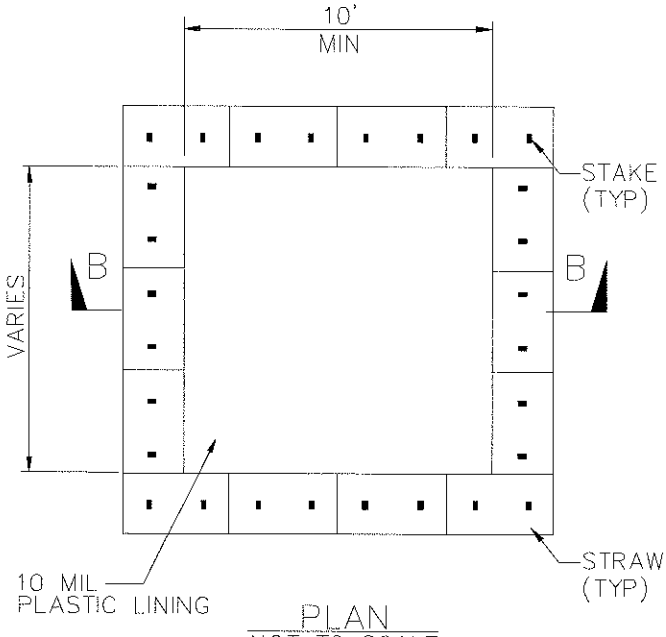


SECTION B–B
NOT TO SCALE

NOTES

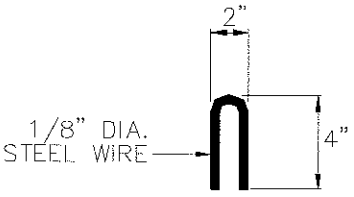
1. ACTUAL LAYOUT DETERMINED IN FIELD.
2. THE CONCRETE WASHOUT SIGN SHALL BE INSTALLED WITHIN 30 FT. OF THE TEMPORARY CONCRETE WASHOUT FACILITY.

Concrete Waste Management WM-8

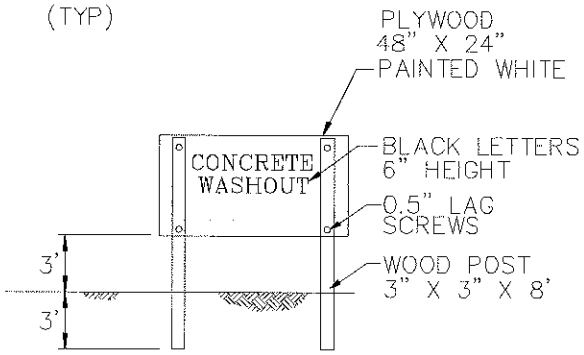


PLAN
NOT TO SCALE

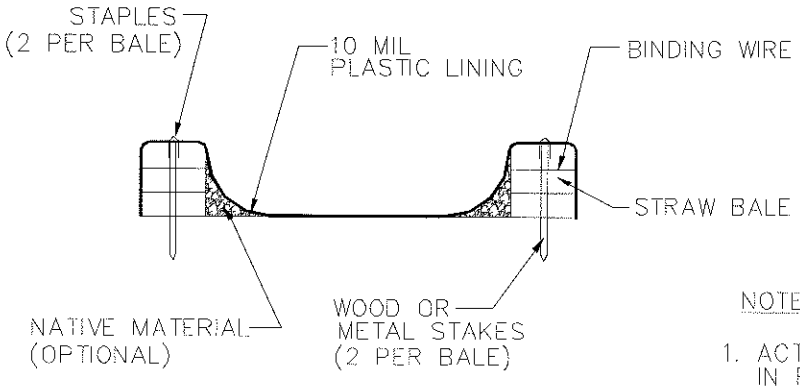
TYPE "ABOVE GRADE"
WITH STRAW BALES



STAPLE DETAIL



CONCRETE WASHOUT
SIGN DETAIL
(OR EQUIVALENT)



SECTION B-B
NOT TO SCALE

NOTES

1. ACTUAL LAYOUT DETERMINED IN FIELD.
2. THE CONCRETE WASHOUT SIGN SHALL BE INSTALLED WITHIN 30 FT. OF THE TEMPORARY CONCRETE WASHOUT FACILITY.