

From: [Jody Fessler](mailto:Jody.Fessler)
To: Lynne.Hosley@ch2m.com; [Donovan, Robert \(RJDt@pge.com\)](mailto:Donovan.Robert@pge.com)
Cc: David.Rasmussen@ch2m.com; [Vida Strong](mailto:Vida.Strong); [Fritts Golden](mailto:Fritts.Golden); ["billie.blanchard@cpuc.ca.gov"](mailto:billie.blanchard@cpuc.ca.gov); ["billieblanchard@att.net"](mailto:billieblanchard@att.net); ["jthurber@gtcgeotech.com"](mailto:jthurber@gtcgeotech.com)
Subject: RE: NTP # 2, HDD; Embarcadero - Potrero 230kV Submittal for HM-2 Health and Safety Plan
Date: Thursday, August 21, 2014 12:06:00 PM
Attachments: [Rev Comments Emb-Potrero NTP2 APM HM-2 HASP_GTC 8-21-14.pdf](#)
[image001.jpg](#)

Lynne and Bob,

Attached is a memorandum from GTC, Inc. dated August 21, 2014 reviewing the Health and Safety Plans submitted for NTP #2 HDD work. The Health and Safety Plans are **approved**.

Thanks,

Jody



Jody Fessler
Environmental Scientist
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Cell: 818-292-2326

From: Lynne.Hosley@ch2m.com [mailto:Lynne.Hosley@ch2m.com]
Sent: Wednesday, August 20, 2014 2:02 PM
To: Jody Fessler; [Vida Strong](mailto:Vida.Strong); [Fritts Golden](mailto:Fritts.Golden); billie.blanchard@cpuc.ca.gov; billieblanchard@att.net
Cc: RJDt@pge.com; David.Rasmussen@ch2m.com
Subject: RE: NTP # 2, HDD; Embarcadero - Potrero 230kV Submittal for HM-2 Health and Safety Plan
Jody, attached please find the missing H&S plans for the HDD Contractor and for B&V, which complete the submittal for APM HM-2 Health and Safety Plan
Lynne

From: Hosley, Lynne/BAO

Sent: Thursday, July 24, 2014 11:45 PM

To: 'Jody Fessler (Jfessler@aspeneg.com)'; 'Vida Strong (Vstrong@aspeneg.com)'; 'Fritts Golden (Fgolden@aspeneg.com) (Fgolden@aspeneg.com)'; 'Blanchard, Billie C. (billie.blanchard@cpuc.ca.gov)'; 'billieblanchard@att.net'

Cc: Donovan, Bob/EXT; Rasmussen, David/BAO

Subject: RE: NTP # 2, HDD; Embarcadero - Potrero 230kV Submittal for HM-3 Health and Safety Plan
NTP # 2 Hello, Jody:

On behalf of PG&E, please find attached the Health and Safety Plan for the HDD, to fulfill the requirements of HM-3, Health and Safety Plan

Thank you

Lynne

Lynne Hosley
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GEOTECHNICAL CONSULTANTS, INC.
Geotechnical Engineering • Geology • Hydrogeology

MEMORANDUM

TO: Jody Fessler
Aspen Environmental Group

DATE: August 21, 2014

PROJECT NO.: S12023

FROM: James Thurber

SUBJECT: Review of Health and Safety Plan, Horizontal Directional Drilling (HDD) ZA-1 Offshore North and South Project, San Francisco, Embarcadero-Potrero 230 kV Transmission Line Project; NTP #2 Horizontal Directional Drilling

REFERENCES: Site Specific Environmental, Safety and Health Plan, for PG&E ZA-1 Offshore North and South HDD Installations
by The HDD Company, undated

Site Specific Environment, Safety and Health Plan, PG&E Project: San Francisco ZA 1 230 kV Underground Transmission Project
by Underground Construction Co., Inc., dated 7/15/14

Loss Control Manual, Pacific Gas & Electric Embarcadero to Potrero 230kV Transmission Project (ZA-1)
by Black & Veatch, undated

MITIGATION MEASURE: APM – HM-2 Development and Implementation of a Health and Safety Plan.

The above referenced Health and Safety Plans (HASP) were submitted to address the requirements of APM HM-2.

GTC has reviewed the two site-specific HASPs which include a general description of the projects addressed by each subcontractor: HDD Co. to complete the north (Embarcadero) and south (Potrero) onshore-to-offshore horizontal directional drills and install HDPE conduit; and Underground Construction Co. for 2,300 feet of onshore trench and vault installations between the HDD and the Embarcadero and Potrero sites. Black and Veatch is responsible for project design and construction oversight/management.

The HASPs are project specific plans that address safety hazards and accident and emergency medical procedures. The HDD Co. plan is general and has no project-specific information



except for the emergency medical center address and route map. The HDD HASP addresses rig and site safety issues particular to operation of HDD rig and associated tasks such as confined space entry, welding, and ground fault protection.

The Black and Veatch Loss Control Manual (LCM) provides general discussion of safety, emergency procedures, security, and environmental protection/operations. The LCM requires individual subcontractors to be responsible for preparing project specific HASPs and for meeting safety, health, security and environmental requirements of the LCM and applicable governmental regulations.

Discussion. The site-specific HASPs and the general LCM address project specific health and safety conditions and general safe work practices and reporting procedures. Aspen and CPUC should accept the HDD HASP and LCM as satisfying the requirements of APM HM-2.