

INFORMATION HANDOUT

**For Contract No. 02-4E7904
At 02-Sha-5-PM R10.7/R15.5**

**Identified by
Project ID 0212000034**

MATERIALS INFORMATION

Nonpotable Water Sources

Dated June 2014

Department of Industrial Relations - Division of Occupational Safety and Health - Mining and Tunneling Unit
Underground Classification No. C084-089-14T through C085-089-14T, Dated April 4, 2014
Underground Classification No. C060-089-14T through C063-089-14T, Dated March 6, 2014

MATERIALS INFORMATION

NONPOTABLE WATER SOURCES

DATED June 2014

NONPOTABLE WATER SOURCES

June 2014

Stillwater Wastewater Treatment Plant
6475 Airport Road, Anderson, California 96007
Supervisor - Dave Johnston - 530-378-6702

MATERIALS INFORMATION

Department of Industrial Relations - Division of Occupational Safety and Health - Mining and Tunneling Unit
Underground Classification No. C084-089-14T through C085-089-14T, Dated April 4, 2014
Underground Classification No. C060-089-14T through C063-089-14T, Dated March 6, 2014

DEPARTMENT OF INDUSTRIAL RELATIONS
DIVISION OF OCCUPATIONAL SAFETY AND HEALTH
MINING AND TUNNELING UNIT2424 Arden Way, Suite 125
Sacramento, California 95825
doshM&Tsac@dir.ca.govTelephone (916) 574-2540
FAX (916) 574-2542

March 6, 2014

California Department of Transportation
Caltrans District 2 Design
1031 Butte Street
Redding, CA 96001

Attention: Travis Gurney, P.E.

Subject: Underground Classification No. C060-089-14T through C063-089-14T
Classification: Potentially Gassy With Special Conditions
Project: South Redding Route 5 Overhead Signs, Redding

The information provided to this office relative to the above project has been reviewed. On the basis of this analysis, Underground Classifications of "Potentially Gassy With Special Conditions" have been assigned to the tunnels identified on your submittal. Please retain the original Classification(s) for your records and deliver a true and correct copy of each Classification to the tunnel contractor for posting at the job site.

When the contractor who will be performing the work is selected, please advise them to notify this office to schedule the mandated Pre-Job Conference with the Division prior to commencing any activity associated with boring of the tunnels. A Pre-Job Request Form is enclosed.

Should you have another bore under construction that is not required to have an Underground Classification (i.e.: less than 30 inches in diameter), please contact the Mining and Tunneling Unit prior to any employee entry of such a space.

If you have any questions on this subject, please contact this office at your earliest convenience.

Sincerely,

A handwritten signature in blue ink, appearing to read "Douglas Patterson", written over a horizontal line.

Douglas Patterson
Senior Engineerenc: Classifications
Pre-Job Request Formcc: travis.gurney@dot.ca.gov
jsnapp@dir.ca.gov



State of California

Department of Industrial Relations

DIVISION OF OCCUPATIONAL SAFETY AND HEALTH
MINING AND TUNNELING UNIT

Underground Classification

C084-089-14T

CALIFORNIA DEPARTMENT OF TRANSPORTATION

of 1031 BUTTE STREET; REDDING, CA 96001
at SOUTH REDDING ROUTE 5 OVERHEAD SIGNS
has been classified as *** POTENTIALLY GASSY WITH SPECIAL CONDITIONS ***
as required by the California Labor Code § 7955.

The Division shall be notified if sufficient quantities of flammable gas or vapors have been encountered underground. Classifications are based on the California Labor Code Part 9, Tunnel Safety Orders and Mine Safety Orders.

SPECIAL CONDITIONS

1. A Certified Gas Tester shall perform pre-entry and continuous monitoring of the underground environment to measure Oxygen and detect explosive, flammable, and toxic gasses whenever an employee is working in the underground environment.
2. Mechanical ventilation shall provide for continuous exhaust of fumes and air at any time an employee is working in the underground environment. The primary ventilation fans must be located outside of the underground environment and shall be reversible by a single switch near the fan location.
3. The Division shall be notified immediately if any **Flammable Gas or Petroleum Vapor** exceeds 5% of the Lower Explosive Limit.
4. All utilities that may be in conflict with the project shall be identified and physically located (potholed) prior to the start of project operations.

The 60-inch-diameter 33-foot-deep drilled shaft along northbound Route 5 located approximately 0.15 mile south of the Churn Creek Road overcrossing in Redding, Shasta County

This classification shall be conspicuously posted at the place of employment.


Douglas Patterson, Senior Engineer

April 4, 2014



State of California

Department of Industrial Relations

DIVISION OF OCCUPATIONAL SAFETY AND HEALTH
MINING AND TUNNELING UNIT

Underground Classification

C085-089-14T

CALIFORNIA DEPARTMENT OF TRANSPORTATION

of 1031 BUTTE STREET; REDDING, CA 96001
at SOUTH REDDING ROUTE 5 OVERHEAD SIGNS
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as required by the California Labor Code § 7955.

The Division shall be notified if sufficient quantities of flammable gas or vapors have been encountered underground. Classifications are based on the California Labor Code Part 9, Tunnel Safety Orders and Mine Safety Orders.

SPECIAL CONDITIONS

1. A Certified Gas Tester shall perform pre-entry and continuous monitoring of the underground environment to measure Oxygen and detect explosive, flammable, and toxic gasses whenever an employee is working in the underground environment.
2. Mechanical ventilation shall provide for continuous exhaust of fumes and air at any time an employee is working in the underground environment. The primary ventilation fans must be located outside of the underground environment and shall be reversible by a single switch near the fan location.
3. The Division shall be notified immediately if any **Flammable Gas or Petroleum Vapor** exceeds 5% of the Lower Explosive Limit.
4. All utilities that may be in conflict with the project shall be identified and physically located (potholed) prior to the start of project operations.

The 60-inch-diameter 33-foot-deep drilled shaft along northbound Route 5 located approximately 1 mile south of the Churn Creek Road overcrossing in Redding, Shasta County

This classification shall be conspicuously posted at the place of employment.



Douglas Patterson, Senior Engineer

April 4, 2014



State of California

Department of Industrial Relations

DIVISION OF OCCUPATIONAL SAFETY AND HEALTH
MINING AND TUNNELING UNIT

Underground Classification

C060-089-14T

CALIFORNIA DEPARTMENT OF TRANSPORTATION

of

1031 BUTTE STREET; REDDING, CA 96001

at

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3. The Division shall be notified immediately if any **Flammable Gas** or **Petroleum Vapor** exceeds 5% of the Lower Explosive Limit.
4. All utilities that may be in conflict with the project shall be identified and physically located (potholed) prior to the start of project operations.

The 60-inch-diameter 33-foot-deep drilled shaft alongside Route 5, located approximately 0.12 mile north of the S. Bonnyview Road overcrossing in Redding, Shasta County.

This classification shall be conspicuously posted at the place of employment.

Douglas Patterson, Senior Engineer

March 6, 2014



State of California

Department of Industrial Relations

DIVISION OF OCCUPATIONAL SAFETY AND HEALTH
MINING AND TUNNELING UNIT

Underground Classification

C061-089-14T

CALIFORNIA DEPARTMENT OF TRANSPORTATION

of 1031 BUTTE STREET; REDDING, CA 96001
at SOUTH REDDING ROUTE 5 OVERHEAD SIGNS
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4. All utilities that may be in conflict with the project shall be identified and physically located (potholed) prior to the start of project operations.

The 60-inch-diameter 33-foot-deep drilled shaft alongside Route 5, located approximately 1 mile north of the S. Bonnyview Road overcrossing in Redding, Shasta County.

This classification shall be conspicuously posted at the place of employment.



Douglas Patterson, Senior Engineer

March 6, 2014



State of California

Department of Industrial Relations

DIVISION OF OCCUPATIONAL SAFETY AND HEALTH
MINING AND TUNNELING UNIT

Underground Classification

C062-089-14T

CALIFORNIA DEPARTMENT OF TRANSPORTATION

of

1031 BUTTE STREET; REDDING, CA 96001

at

SOUTH REDDING ROUTE 5 OVERHEAD SIGNS

has been classified as

*** POTENTIALLY GASSY WITH SPECIAL CONDITIONS ***

as required by the California Labor Code § 7955.

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3. The Division shall be notified immediately if any Flammable Gas or Petroleum Vapor exceeds 5% of the Lower Explosive Limit.
4. All utilities that may be in conflict with the project shall be identified and physically located (potholed) prior to the start of project operations.

The 60-inch-diameter 33-foot-deep drilled shaft alongside Route 5, located approximately 1 mile south of the Cypress Avenue overcrossing in Redding, Shasta County.

This classification shall be conspicuously posted at the place of employment.

Douglas Patterson, Senior Engineer

March 6, 2014



State of California

Department of Industrial Relations

DIVISION OF OCCUPATIONAL SAFETY AND HEALTH
MINING AND TUNNELING UNIT

Underground Classification

C063-089-14T

CALIFORNIA DEPARTMENT OF TRANSPORTATION

of

1031 BUTTE STREET; REDDING, CA 96001

at

SOUTH REDDING ROUTE 5 OVERHEAD SIGNS

has been classified as

*** POTENTIALLY GASSY WITH SPECIAL CONDITIONS ***

as required by the California Labor Code § 7955.

The Division shall be notified if sufficient quantities of flammable gas or vapors have been encountered underground. Classifications are based on the California Labor Code Part 9, Tunnel Safety Orders and Mine Safety Orders.

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3. The Division shall be notified immediately if any Flammable Gas or Petroleum Vapor exceeds 5% of the Lower Explosive Limit.
4. All utilities that may be in conflict with the project shall be identified and physically located (potholed) prior to the start of project operations.

The 60-inch-diameter 33-foot-deep drilled shaft alongside Route 5, located at the Route 44 overcrossing in Redding, Shasta County.

This classification shall be conspicuously posted at the place of employment.

Douglas Patterson, Senior Engineer

March 6, 2014

REQUEST FOR PRE-JOB (TUNNEL)

ATTACH COPY OF CLASSIFICATION AND DIESEL PERMIT

Company Name: _____

Phone _____ FAX: _____

DATE FAXED: _____

PLEASE NOTE: THE BORING CONTRACTOR SHOULD SCHEDULE THE PREJOB AS FAR IN ADVANCE AS POSSIBLE - AT LEAST 3-4 DAYS IN ADVANCE. THE DIVISION REQUIRES THE JOB TO BE SET UP WHEN THE FIELD ENGINEER ARRIVES FOR THE PREJOB. THIS MEANS THAT THE BORE PIT HAS BEEN DUG AND PROPERLY GUARDED, THE CRANE IS IN PLACE AND READY TO LIFT, THE BORING MACHINE IS IN THE PIT AND READY TO GO, AND THE CREW IS READY TO BEGIN BORING THE TUNNEL. IF THERE IS A DELAY IN SETTING UP THE JOB, THE BORING CONTRACTOR SHOULD CONTACT THE DIVISION IMMEDIATELY.

PRE-JOB REQUEST DATE & TIME: _____

ON-SITE SUPERVISOR & CELL NO.: _____

CLASSIFICATION #: _____ DIESEL PERMIT #: _____

BORE DIAMETER AND LENGTH: _____ (Diameter) _____ (Length)

IS BORE ENTRY ANTICIPATED? YES NO
(Circle One)

You MUST contact the Division if entry is planned, REGARDLESS of the bore diameter.

MANNER OF EXCAVATION: _____

JOB-SITE LOCATION AND DIRECTIONS: _____

GENERAL CONTRACTOR: _____

SUBMITTED BY: _____

REVIEWED BY: _____ DATE: _____

Mining & Tunneling Unit, District 1
2424 Arden Way, Suite 125
Sacramento, California 95825-2400
(916) 574-2540; FAX: (916) 574-2542

Mining & Tunneling Unit, District 2
6150 Van Nuys Blvd., Suite 310
Van Nuys, California 91401-3333
(818) 901-5420; FAX: (818) 901-5579

Mining & Tunneling Unit, District 3
464 West Fourth Street, Suite 354
San Bernardino, California 92401-1442
(909) 383-6782; FAX: (909) 388-7132