

## Appendix 8.10-1

### Draft Outlines of Construction and Operation Health and Safety Plans

## **APPENDIX 8.10-1**

### **DRAFT OUTLINES OF PROGRAMS TO BE DEVELOPED FOR THE KRCD CPP**

#### **CONSTRUCTION PLANS/PROGRAMS**

##### **Construction Injury and Illness Prevention Plan**

The Construction IIPP will be designed to meet all of California Occupational Safety and Health Act of 1973/ California Health and Safety Administration (Cal/OSHA) Injury Illness Prevention Plan (IIPP) requirements and the requirements of Section 8 of the California Code of Regulations § 1509. The Construction IIPP will also include a written code of safe practices that relate to construction operations and will include information on:

- 1.0 Purpose, Scope and Applicability and General Requirements
- 2.0 Facility Information
- 3.0 Implementing Authority and Responsibilities
- 4.0 Review and Approval Processes
- 5.0 Compliance Assurance
- 6.0 Employee Communication Protocols
- 7.0 Evaluation of Workplace Hazard
- 8.0 Investigation of Occupational Injuries and Illness
- 9.0 Compliance with Safe Work Practices
- 10.0 Training Procedures

##### **Fire Protection and Prevention Plan**

The Fire Prevention Plan will describe what has to be done to protect against and prevent fires. This will include equipment required, such as alarm systems and firefighting equipment, and procedures to follow to protect against fires. The Fire Prevention Plan for the KRCD CPP will be developed to meet the requirements of Section 8 of the California Code of Regulations § 1920. The program will include information on:

- 1.0 Scope, Purpose and Applicability and General Requirements
- 2.0 Potential Fire Hazards and Uses
- 3.0 Proper Handling and Storage of Potential Fire Hazards (i.e. housekeeping and material storage)
- 4.0 Potential Ignition Sources, Controls and Containment
- 5.0 Persons Responsible for Equipment and Systems Maintenance
- 6.0 Employee Communication
- 7.0 Portable Fire Extinguishers
- 8.0 Automatic Sprinkler Fire Suppression System

- 9.0 Water-Spray Fire System
- 10.0 Local Fire Department
- 11.0 Training
- 12.0 Contact Information

### **Personal Protective Equipment Program**

Employees will be required to use Personal Protective Equipment (PPE), which has been approved and distinctly marked to facilitate identification. The PPE program will describe guidelines and protocols to ensure that workers are receiving adequate protection against potential workplace hazards. The PPE Program for the KRCD CPP will be developed to meet the requirements of Section 8 of the California Code of Regulations §§ 1514-1522, as well as Electrical Safety Codes for protective-insulating equipment. The program will include information on:

- 1.0 General Description of Protection and Protective Gear
- 2.0 Personal Protection Equipment Categories (i.e. head, eye, face, body, hand, foot, and skin protection)
- 3.0 Fall Protection
- 4.0 High-Voltage Protection
- 5.0 Level Of Protection Requirements (i.e. hearing and respiratory protection)
- 6.0 Identification of Hazard Analysis
- 7.0 Personnel Training

### **OPERATION AND MAINTENANCE (O&M) PLANS/PROGRAMS**

#### **O&M Injury and Illness Prevention Plan**

The O&M IIPP will be designed to meet all of California Occupational Safety and Health Act of 1973/ California Health and Safety Administration (Cal/OSHA) Injury Illness Prevention Plan (IIPP) requirements and the requirements of Section 8 of the California Code of Regulations § 3203. The Construction IIPP will also include a written code of safe practices that relate to construction operations and will include information on:

- 1.0 Scope, Purpose and Applicability and General Requirements
- 2.0 Implementing Authority and Responsibilities
- 3.0 Safety and Health policy
- 4.0 Work Rules and Safe Work Practices
- 5.0 Compliance with Safe Work Practice
- 6.0 Employee Communications
- 7.0 Identification and evaluation of workplace hazards
- 8.0 Procedures for Correcting Unsafe or Unhealthy Conditions, Work Practices, and Work Procedures
- 9.0 Plant Operation Safety Procedures

## 10.0 Training Procedures

### **Fire Prevention Plan**

The O&M Fire Prevention Plan will describe will be done to protect the plant against fires. This will include equipment required, such as alarm systems and firefighting equipment, and procedures to follow to protect against fires. The Fire Prevention Plan for the KRCD CPP will be developed to meet the requirements of Section 8 of the California Code of Regulations § 3221. The program will include information on:

- 1.0 Scope, Purpose and Applicability and General Requirements
- 2.0 Fire Hazard Inventory (including identification of ignition sources and mitigation)
- 3.0 Housekeeping and proper materials storage
- 3.0 Employee Communication and Contacts
- 4.0 Portable Fire Extinguishers
- 5.0 Fixed Firefighting Equipment and Methods of Fire Control
- 6.0 Flammable and Combustible Liquid Storage
- 7.0 Use of Flammable and Combustible Liquids
- 8.0 Dispensing and Disposal of Liquids
- 9.0 Training Procedures

### **Emergency Action Plan**

The Emergency Action Plan will provide procedures for the protection of personnel, equipment, the environment and materials. It will describe escape procedures, rescue and medical procedures, alarm and communication systems, and response procedures for very hazardous materials that can migrate off-site, such as ammonia. The Emergency Action Plan for the KRCD CPP will be developed to meet the requirements of Section 8 of the California Code of Regulations § 3220. The plan will include information on:

- 1.0 Purpose, Scope and Applicability and General Requirements
- 2.0 Facility Information
- 3.0 Roles and Responsibilities
- 4.0 Emergency Incident Response Training
- 5.0 Emergency Response Protocol (including fire and emergency reporting procedures, spill response, prevention and control and emergency response equipment)
- 6.0 Bomb Threat and Natural Disaster Responses
- 7.0 Evacuation Protocol
- 8.0 Post Emergency Response Protocol
- 9.0 Notification and Incident Reporting
- 10.0 Training Requirements

### **Personal Protective Equipment Program**

Employees will be required to use Personal Protective Equipment (PPE), which has been approved and distinctly marked to facilitate identification. The PPE program will describe guidelines and protocols to ensure that workers are receiving adequate protection against potential workplace hazards. The PPE Program for the KRCD CPP will be developed to meet the requirements of Section 8 of the California Code of Regulations §§ 3401-3411, as well as Electrical Safety Codes for protective-insulating equipment. The program will include information on:

- 1.0 General Description of Protection and Protective Gear
- 2.0 Hazard Analysis of PPE
- 3.0 Personal Protection Equipment Categories (i.e. head, eye, face, body, hand, foot, and skin protection)
- 4.0 Fall Protection
- 5.0 High-Voltage Protection
- 6.0 Level Of Protection Requirements (i.e. hearing and respiratory protection)
- 7.0 Personnel Training