

7.1 INTRODUCTION

The proposed Phase 3 project elements are spread across the Chino Basin and span two counties and across the borders of several cities. Completing these projects will require coordination in obtaining the various permits that will be needed. The sections below summarize the various permits that will likely be needed for the different Phase 3 project elements. Table 7.1 provides a summary of pertinent permits.

7.2 CALIFORNIA ENVIRONMENTAL QUALITY ACT (CEQA)

One environmental analysis is planned for all of the Phase 3 project elements. Tom Dodson Associates is currently finishing the environmental analysis required for PEACE II. The planned environmental analysis for Phase 3 is anticipated to either be an amendment to the PEACE II environmental analysis or a Negative Declaration since the projects are expected to have no significant effect on the environment.

7.3 CALIFORNIA DEPARTMENT OF PUBLIC HEALTH (CDPH)

CDPH regulates drinking water systems through the issuance of a Water Supply Permit. Currently CDA has a water supply permit for each of the Desalters. Modifications to the water system that include any of the changes below will require approval of CDPH:

- Change in ownership of the water system
- The addition of new water sources
- Any changes in the method of treatment
- The addition of any storage reservoirs
- A major expansion of the service area
- Any change in the distribution system that does not comply with the waterworks standards.

The Phase 3 project will include new wells, treatment plant expansion, new pump stations, new distribution and transmission piping, etc. Before any of these improvements can be brought online, a Domestic Water Supply Permit Amendment must be submitted to CDPH and subsequently approved through the issuance of an Amendment to the original permit. This approval process includes ensuring all CEQA work has been completed.

7.4 SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT (AQMD)

AQMD issues permits governing the operation and maintenance of equipment that emits air pollution. These regulations apply to standby generators. In the past, AQMD has used its internal bank of Emission Reduction Credits (ERCs) to issue permits. However, as a result of a recent lawsuit and subsequent court ruling, AQMD has suspended operation of its internal bank while changes are being made to its permitting program. Currently, applicants can only receive permits if they have their own ERCs or if they purchase them on the open market. It is anticipated that the new permitting program will not be completed before the end of 2009. Forms necessary for applying for air quality permits include the 400-A, 400-CEQA, and 400-E-13a. These forms can be found at the web addresses listed in Table 7.1. Standby generators are not included in the Chino Desalter or product water pump station criteria.

7.5 CALIFORNIA DEPARTMENT OF TRANSPORTATION (CALTRANS)

Projects needing access to enter State right-of-ways must obtain permission through an encroachment permit. Such a permit will be needed to bore underneath I-15 to install the proposed Riverside-Hamner product water line. A permit application form can be found at the website listed in Table 7.1.

7.6 CALIFORNIA DIVISION OF OCCUPATIONAL SAFETY AND HEALTH (CAL/OSHA)

Cal/OSHA regulates workplace activities to assist in providing a safe workplace environment. Whenever jobs require trenches greater than five feet deep, contractors must obtain a Construction Activity Permit. This permit is required to be obtained by the contractor. Typically, a contractor will obtain an Annual Permit and must notify the local Cal/OSHA office to report the starting of a new job so that a Safety Permit Conference can be held. Applicable forms for this permit are shown in Table 7.1.

The Mining and Tunneling unit of Cal/OSHA is responsible for overseeing large diameter pipeline bores. When the boring diameter exceeds 26 inches, the Mining and Tunneling Unit in the local Cal/OSHA office must be contacted to obtain an underground classification. This classification is needed before CALTRANS will issue an encroachment permit.

7.7 ARMY CORPS OF ENGINEERS (ACE)

The ACE regulates the Nation's waterways. The Phase 3 project includes a boring across the Santa Ana River. Although the section of river where the proposed crossing is to take place is deeded to the City of Norco, ACE must be informed of the project to determine if

they will require a permit. In order to inform ACE of the boring, a letter should be submitted to the Regulatory Division of the Los Angeles Office of ACE.

7.8 CALIFORNIA DEPARTMENT OF FISH AND GAME (DFG)

The DFG should be informed of the CDA's intent to bore underneath the Santa Ana River. Typically DFG only requires notification that the boring is to take place. However, it is possible that DFG may request more information and require a DFG permit for this action. A letter should be submitted to the DFG Regional Office in Ontario to inform DFG of the boring.

7.9 CALIFORNIA WATER RESOURCES CONTROL BOARD (STATE WATER BOARD)

As with DFG, the State Water Board should also be informed of the CDA's intent to bore underneath the Santa Ana River to see if any permits will be required. A letter should be submitted to the Santa Ana Regional Water Quality Control Board (Regional Board) in Riverside informing of the boring.

The Regional Board permits discharge activities to surface waters. When such discharges pose insignificant threats to water quality, a De Minimus permit can be issued. Recently, CDA received a new De Minimus permit which can be used for discharge of well water during well testing and development. However, this can only be used if required water quality standards are met. It is possible that some of the proposed future wells could contain measureable levels of VOCs that would prevent discharge under the De Minimus permit. In this situation, the water would have to be retained onsite or discharged into the local sewer collection system.

The State Water Board also administers storm water discharges from construction projects. All construction projects disturbing greater than one acre of land are required to obtain a Construction General Permit under the State's construction storm water program. However, linear projects (projects associated with pipelines) where land disturbance is between one and five acres are administered under the Small Linear Under/Above Ground General Construction Permit (LUP). Both of these permits require submission of a Notice of Intent (NOI) and the preparation of a Storm Water Pollution Prevention Plan (SWPPP). The contractor will generally fill out paperwork associated with the permits and will prepare the SWPPP. The owner is required to sign the NOI before it is submitted. Application forms can be found on the SWRCB website at the links shown in Table 7.1.

7.10 SAN BERNARDINO COUNTY

San Bernardino County may require several permits for the Phase 3 project. These permits may include building, fire, well drilling, and encroachment permits as described in the subsequent sections.

7.10.1 Building Permit

A building permit will be needed for any structures built outside of City limits but within the County. It is not anticipated that a County building permit will be needed for any of the Phase 3 project since portions of the project in San Bernardino County are within either the City of Chino or the City of Ontario.

7.10.2 Fire Permit

Because no structures will be built or modified outside of city limits but within the County, permits from the County Fire Department will not be needed.

7.10.3 Well Drilling Permit

The County Public Health Department issues well drilling permits for all wells constructed in the County. This permit will be obtained by the well drilling contractor. If there are known conditions of the well site that might require an exemption (i.e. not meeting minimum setbacks), coordination with DPH should be made beforehand to ensure approval will be granted for a drilling permit at the chosen site. A link to the Well Drilling Permit is contained in Table 7.1.

7.10.4 Encroachment Permit

An encroachment permit is needed from the Public Works Department when a County right-of-way needs to be entered. This would apply to the Phase 3 project only if encroachment is needed to install a pipeline in or across a county road. It is not anticipated that such a permit will not be needed from San Bernardino County as part of the Phase 3 project.

7.10.5 Flood Control Permit

A Flood Control Encroachment Permit is needed to enter the Flood Control District's right-of-way. This permit will be needed to cross or parallel (within the right-of-way) the District's waterways when installing pipelines. It is anticipated that the Chino Creek raw water pipelines and the Wellfield I and II inter-tie pipeline will require this permit.

7.11 RIVERSIDE COUNTY

Riverside County will supply several permits for the Phase 3 project as it is likely that several projects will occur within the County's jurisdiction. Anticipated permits are listed and described below.

7.11.1 Building Permit

A building permit will be needed to build, alter, repair, move or demolish any building and to do electrical, plumbing, heating, solar, and air conditioning work. It is anticipated that a County building permit will be needed for any modification to the Chino II Desalter as well as for construction of any wells or pump stations that are housed in a building. The building permit is typically obtained by the contractor.

7.11.2 Fire Permits

Plans that are submitted to the County when filing for a building permit are routed to different departments for review. The County fire department will review these plans for compliance with fire codes. However, if the plans include or should include construction of underground fire mains, fire sprinklers, fire alarms, engineered fire systems, and/or hazardous materials, a permit should be obtained directly from the fire department. This permit can be obtained by submitting plans with a submittal form. This form can be obtained at the web address listed in Table 7.1.

7.11.3 Well Drilling Permit

The County Environmental Health Department issues well drilling permits for all wells constructed in the County. This permit will be obtained by the well drilling contractor. If there are known conditions of the well site that might require an exemption (i.e. not meeting minimum setbacks), coordination with DPH should be made beforehand to ensure approval will be granted for a drilling permit at the chosen site. This permit application can be obtained at the web address shown in Table 7.1.

7.11.4 Encroachment Permit

An encroachment permit is needed when a County right-of-way needs to be entered. The Phase 3 project will require a county encroachment permit for pipelines in or crossing county roads. A permit can be obtained from the County Transportation Department. An application form can be obtained at the web address listed in Table 7.1.

7.11.5 Flood Control Permit

A Flood Control Encroachment Permit is needed to enter the Flood Control and Water Conservation District's right-of-way. This permit will be needed to cross or parallel (within the right-of-way) the District's waterways when installing pipelines. It is not anticipated that any of the proposed pipelines are located in areas that would require a Flood Control Encroachment Permit.

7.12 CITY OF CHINO

The Chino I Desalter and the Chino Creek Wellfield are located in the City of Chino. Various permits will be needed for these projects as described below. The City of Chino should be included in design meetings and the plan review process.

7.12.1 Building Permit

A building permit will be needed to build, alter, repair, move or demolish any building and to do electrical, plumbing, heating, solar, and air conditioning work. It is anticipated that a building permit will be needed for any modification to the Chino I Desalter as well as for construction of any wells or pump stations that are housed in a building. The contractor will be responsible for obtaining a building permit.

7.12.2 Fire Permits

The City of Chino contracts fire services out to the Chino Valley Independent Fire District (CVIFD). Any new buildings in the City of Chino requires plans to be submitted to the CVIFD for review to ensure compliance with fire codes. In addition, corresponding plans should be submitted to CVIFD for designs of fire system components and storage of hazardous materials. A plan review submittal form should be submitted with all plans and can be found at the web address shown in Table 7.1. A hazardous materials permit application can be obtained from the fire marshal.

7.12.3 Encroachment Permit

Placing utilities such as pipelines in City of Chino streets requires approval through an encroachment permit. Such a permit will have to be obtained for all of the Chino Creek Wellfield pipelines that will be located in street right-of-ways. Along with the encroachment permit, a Detour/Lane Closure Permit will be needed to approve closing of streets and rerouting of traffic. Both of the above permit application forms can be obtained at the web addresses shown in Table 7.1.

7.12.4 Storm Drain Discharge

It is likely that an agreement with the City of Chino is required to allow the discharge of water from CCWF Wells to storm drains, either during drilling or during operation (e.g., well-to-waste during pump start-up).

7.13 CITY OF ONTARIO

Phase 3 projects located in the City of Ontario will require permits from the City. The main Phase 3 projects in the City of Ontario will be pipelines and the Milliken Pump Station.

7.13.1 Building Permit

A building permit will be needed for construction of any new buildings. Obtaining such a permit will require submitting plans to the City. Associated with the building permit is the Grading/On-site Utilities permit. This permit should be obtained for new buildings or when requesting water and sewer utilities from the City. The building permit and Grading/On-site Utilities permit forms can be obtained from the web addresses listed in Table 7.1.

7.13.2 Fire Permits

All City of Ontario plan review for a building permit will be routed through the fire department for approval before a permit will be issued. A permit from the fire department will have to be obtained directly for hazardous materials and fire systems. Required permit forms should be obtained directly from the Deputy Fire Chief

7.13.3 Encroachment Permit

Placing utilities such as pipelines in City of Ontario street right-of-way requires an encroachment permit along with a Traffic Control Permit. Both of these permits are obtained through the City of Ontario Engineering Department. The necessary forms can be obtained from the web addresses shown in Table 7.1.

7.14 CITY OF NORCO

A small amount of the Phase 3 project will be located in the City of Norco. There are no structures proposed in the City of Norco as part of this report. As a result, no building or fire permits will be needed from the City.

7.14.1 Encroachment Permit

An encroachment permit will be needed for pipelines placed in the City of Norco street right-of-way. In addition, an encroachment permit will be needed from the City in order to bore underneath the Santa Ana River along the east side of the Hamner Bridge. Both the boring and pipeline activities can be obtained under one permit. An encroachment application can be obtained from the City of Norco Engineering Division.

7.15 SOUTHERN CALIFORNIA EDISON (SCE)

SCE provides power throughout the Chino Basin. In order to cross one of its easements, a consent agreement is needed. Currently, there is an above ground transmission line near Harrison Ave. north of Cloverdale Rd. near the City of Chino. The proposed Chino wellfield inter-tie will need to cross this transmission line, creating a need for an agreement. This agreement can be obtained by contacting the SCE real estate department for local area. Dale Reed is the manager covering this area and can be reached at (909) 944-4402. This agreement should be completed before bidding of the piping project.

7.16 INLAND EMPIRE UTILITIES AGENCY (IEUA)

The CDA has a De Minimus permit allowing discharge to the storm drain as long as the water meets permit requirements. New wells will be constructed as part of the Phase 3 project. Before developing and pump testing a new well, the water quality will need to be tested. If the water cannot be discharged to the storm drain, an alternate disposal method will be needed. Currently, some of the existing CDA wells are reported to be discharging to the local sewer system during well pump-to-waste. Similar agreements should be made with IEUA such that there is a backup alternative for discharging water during well development, pump testing, and future pump-to-waste activities in case the well water quality is unacceptable for discharge to the storm drain. Such a permit can be obtained by contacting the IEUA Administrative Headquarters. Because the storm drain system contiguous to the CCWF is within the City of Chino, it is likely that an agreement with the City is required as well.

7.17 UNION PACIFIC RAILROAD (UPRR)

The UPRR runs throughout the Chino Basin area. At this time, it is not anticipated that there will be any railroad crossing as part of the Phase 3 project. If a pipeline crossing is needed, a crossing application will need to be completed. The crossing application and procedures can be found at the web address shown in Table 7.1. The application process should be completed before the pipeline project is bid. Performing a pipeline crossing of the railroad will require a boring. Refer to the Cal/OSHA Mining and Tunneling Unit requirements stated above if a railroad crossing is needed.

7.18 FEDERAL COMMUNICATIONS COMMISSION (FCC)

Remote communications for monitoring and controlling pump stations can be accomplished using unlicensed and licensed radio frequencies. Use of unlicensed (spread spectrum) frequencies does not require application filing to obtain a license. However, in order to use licensed radio frequencies, an application with appropriate fee must be submitted to the FCC. This application process can be completed online through the Universal Licensing System (ULS) online system or by mail by submitting the proper applications. The ULS as well as all required applications can be found on the FCC website (www.fcc.gov).

7.19 FEDERAL AVIATION ADMINISTRATION (FAA)

An antenna associated with a radio telemetry system must be approved by the Federal Aviation Administration (FAA) as not posing an aviation hazard unless it is less than 20 feet tall or shielded by existing permanent structures, natural terrain, or topographic features (47CFR17.14). Antennas not meeting these requirements must be approved by submitting an FAA Form 7460-1.

Table 7.1 Summary of Permit Information Chino Desalter Phase 3 PDR JCSD/Ontario/WMWD			
Entity	Form	Permit Location	Comments
ACE	Intent to Bore	Submit boring plans to local regulatory office	Receive feedback before bidding the project
AQMD	Air Quality Permit	400-A: http://www.aqmd.gov/permit/Formspdf/Basic/AQMDForm400-A.pdf 400-CEQA: http://www.aqmd.gov/permit/Formspdf/Basic/AQMDForm400-CEQA.pdf 400-E-13a: http://www.aqmd.gov/permit/Formspdf/Supplemental/AQMDForm400-E-13a.pdf	Must be submitted for new emergency generators
Cal/OSHA	Construction Activity Permit Form	http://www.dir.ca.gov/DOSHPOl/forms/cosh41-1.pdf	Must be obtained by the Contractor
Cal/OSHA	Construction Activity Notification	For Specific Project: http://www.dir.ca.gov/DOSHPOl/forms/cosh41-2.pdf For Annual Permit Holders: http://www.dir.ca.gov/DOSHPOl/forms/cosh41-3.pdf	Must be submitted by the Contractor
Cal/OSHA Mining and Tunneling Unit	Tunneling Classification	Contact local office for forms	Must obtain before submitting for CALTRANS encroachment permit for borings
CALTRANS	Encroachment Permit	http://www.dot.ca.gov/hq/traffops/developserv/permits/pdf/forms/Std._E.P._Application_(TR-0100).pdf	Submit in sufficient time so that a permit is received before bidding
City of Chino	Building Permit	http://www.cityofchino.org/Modules/ShowDocument.aspx?documentid=116	Needed for new buildings or building modifications
City of Chino	Encroachment Permit	http://www.cityofchino.org/Modules/ShowDocument.aspx?documentid=1607	Needed for installation of pipeline in street right-of-ways
City of Chino	Detour/Lane Closure Permit	http://www.cityofchino.org/Modules/ShowDocument.aspx?documentid=1606	Needed for installation of pipeline in street right-of-ways

Table 7.1 Summary of Permit Information Chino Desalter Phase 3 PDR JCSD/Ontario/WMWD			
Entity	Form	Permit Location	Comments
City of Norco	Encroachment Permit	Obtain from City Engineering Division	Needed for pipeline installation in City right-of-ways and Santa Ana River boring
City of Ontario	Building Permit	http://www.ci.ontario.ca.us/index.cfm/28040/27977	Needed for new buildings or building modifications
City of Ontario	Fire Permit	Obtain forms from Deputy Fire Chief	Needed for new fire systems
City of Ontario	Encroachment Permit	http://www.ci.ontario.ca.us/index.cfm/26842/40872	Needed for installation of pipeline in street right-of-way
City of Ontario	Grading/Onsite Utilities Permit	http://www.ci.ontario.ca.us/index.cfm/28040/34405	Needed to request utilities from the City
City of Ontario	Traffic Control Permit	http://www.ci.ontario.ca.us/index.cfm/26842/40876	Needed for installation of pipeline in street right-of-ways
CVIFD	Plan Review	http://www.chinovalleyfire.org/fileadmin/user_upload/PDF_Files/newplanreviewapplications.pdf	Needed for any new structures
CVIFD	Fire Permit	Obtain forms from Fire Marshal	Needed for new fire systems
DPH	Domestic Water Supply Permit Amendment	http://www.cdph.ca.gov/certlic/drinkingwater/Documents/Permits/AmendedPermitApplication.pdf	Submit application before improvements are brought online
FAA	Telemetry Antenna Permit	http://forms.faa.gov/report_new.asp?stype=N	Needed for approval of antennas over 20 feet tall
FCC	ULS	http://wireless.fcc.gov/uls/index.htm?job=home	Needed for communication with licensed radio frequencies
IEUA	Discharge Authorization	Contact local office for forms	Needed in case well pump test water cannot be discharged to storm water system
IEUA	Discharge Agreement	Contact IEUA	Needed for alternative well water discharge

Table 7.1 Summary of Permit Information Chino Desalter Phase 3 PDR JCSD/Ontario/WMWD			
Entity	Form	Permit Location	Comments
Regional Board	De Minimus Permit	Already Obtained	
Riverside County	Building Permit	http://www.rctlma.org/building/content/docs/284_199_app_to_construct.pdf	Needed for construction of new structure or modification to existing structures
Riverside County	Fire Permit Submittal Form	http://www.rvcfire.org/opencms/functions/planning/FPP_Forms_and_Documents/PDF_Forms/Form_1-Submittal_Form_Rev_x4x_.pdf	Needed for sprinkler systems, fire alarms, and hazardous materials
Riverside County	Well Drilling Permit	http://www.rivcoeh.org/opencms/system/galleries/download/Environmental-Health/ERM/Well_Permit_App.pdf	Drilling contractor to obtain prior to drilling
Riverside County	Encroachment Permit	http://www.rctlma.org/trans/documents/encroachment_permit_application.pdf	Needed for work done in county road right-of-ways
San Bernardino County	Well Drilling Permit	http://www.sbcounty.gov/dehs/appspermits/Applications/550033WellPermit.pdf	Drilling contractor to obtain prior to drilling
San Bernardino County	Flood Control Permit	http://www.sbcounty.gov/dpw/floodcontrol/permits/20080709_dpw_permit_application.pdf	Needed for encroachment in the Flood Control District right-of-way
SCE	Consent Agreement	Contact SCE Real Estate Division: Dale Reed - (909) 944-4402	Needed for crossing SCE Transmission Line Easement
SWRCB	Construction General Permit LUP	http://www.swrcb.ca.gov/water_issues/programs/stormwater/gen_const.shtml-const_permit http://www.swrcb.ca.gov/water_issues/programs/stormwater/linear_const.shtml	General Contractor to submit appropriate permitting forms before starting project.
UPRR	Crossing Application	http://www.uprr.com/reus/pipeline/procedur.shtml	Needed for railroad crossings