Salinas Industrial Wastewater Treatment Facility Process Flow Schematic

April 2015

Salinas River

Figure 2-13
Salinas Industrial Wastewater System Location Map

April 2015
Approximately 4 miles northeast of the Regional Treatment Plant

Legend:
- Proposed Booster Pump Station Options
- Proposed Diversion Site
- Existing Ocean Outfall
- Existing Wastewater Pipelines
- Proposed Source Water Pipeline
- Proposed Product Water Pipeline Options
- Proposed CalAm Distribution System Pipelines
- Proposed Injection Well Facilities
- City Limits
- Highways

Figure 2-18

Proposed GWR Project Facilities Overview

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Proposed Salinas Pump Station Site Plan

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Source: E2 Consulting Engineers, Inc., 2014

Key Notes:
1. REMOVE EXIST. IWW DIVERSION BOX
2. NEW 42" IWW DIVERSION PIPELINE
3. NEW PARSHALL FLUME
4. NEW STORMWATER DIVERSION STRUCTURE NO. 1
5. NEW 18" IWW FORCE MAIN
6. NEW JUNCTION STRUCTURE
7. NEW 18" FORCE MAIN INSIDE EXIST. 33" IWW PIPELINE
8. NEW STORMWATER DIVERSION STRUCTURE NO. 2
9. REHABILITATE EXIST. 30" PIPE FOR STORMWATER DIVERSION
10. NEW STORMWATER DIVERSION PIPELINE TO 42" IWW
11. CONNECT TO EXIST. 42" DIA. STUB-OUT
12. EXIST. MANHOLE TO BE REMOVED
13. CONNECT TO EXIST. MANHOLE

Legend:
- EXISTING MANHOLES
- EXISTING STORM DRAIN
- EXISTING SANITARY SEWER
- EXISTING IWW PIPELINE
- NEW PIPING
- NEW STRUCTURE

Figure 2-21
KEY NOTES:

1. NEW POND 3 PUMP STATION INLET BOX
2. NEW POND 3 PUMP STATION WET WELL
3. NEW 18" FORCE MAIN
4. NEW DIVERSION STRUCTURE NO. 3
5. EXISTING PRESSURE M.H. ON 30" LINE
6. NEW 30" GRAVITY MAIN
7. RETURN PUMP STATION WET WELL
8. RETURN PUMP STATION VALVE VAULT
9. NEW FLOW METER VAULT
10. NEW 18" FORCE MAIN INSIDE EXIST. 33" IWW PIPELINE TO SALINAS P.S.
11. EXIST. 42" IWW PIPELINE
12. EXIST. IWW PUMP STATION
13. EXIST. 24" IWW INLET PIPELINE
14. EXIST. 18" IWW OUTLET PIPELINE
15. EXIST. 30" IWW DISTRIBUTION PIPELINE
16. EXIST. INLET TO POND
17. EXIST. RISER MANHOLE
18. EXIST. 24" IWW DISTRIBUTION PIPELINE
19. EXIST. POND INLET STRUCTURE
20. EXIST. POND 3 PUMP STATION
21. EXIST. IRRIGATION BEDS DISTRIBUTION STRUCTURE
22. EXIST. DISTRIBUTION PIPELINES TO IRRIGATION BEDS

LEGEND

- EXISTING MANHOLES
- EXISTING STORM DRAIN
- EXISTING SANITARY SEWER
- NEW IWW PIPELINE
- NEW PIPING
- NEW STRUCTURE

Source: E2 Consulting Engineers, Inc. 2014