ECO:LOGIC
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August 24, 2010

Bill Lewis, Director of Public Works
City of Live Oak
9955 Live Oak Boulevard
Live Oak, CA 95959

RE: Arsenic and Ammonia Compliance Project Timelines

Dear Mr. Lewis:

Attached for your information are two project schedules for Arsenic and Ammonia compliance projects related to the proposed effluent limitations in the Preliminary Draft Waste Discharge Requirements (PDWDRs) for the City of Live Oak (City) dated June 2010.

As shown on the project schedules, compliance with Arsenic and Ammonia would not be achieved until September 2016 and September 2017, respectively.

Two independent project timelines have been prepared for the purpose of developing compliance time schedules for each constituent. However, these projects can be combined in to a single compliance project if both projects are ultimately required. If this is the case, then the Ammonia project schedule should be used.

Please call me at 916 773-8100 if you have questions on our project schedules.

Sincerely,

ECO:LOGIC Engineering

Michael Harrison, P.E.
Project Manager

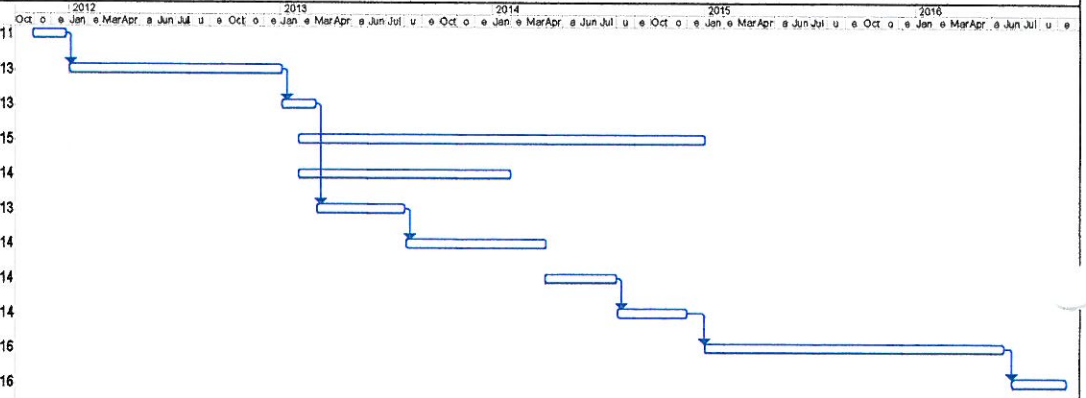
Attachments:
Arsenic Compliance Project Schedule
Ammonia Compliance Project Schedule

LOAK09-001

ATTACHMENT 13

Detailed Project Schedule for Arsenic Compliance Project

ID	Task Name	Start	Finish
1	New WWTP Facility Startup	Tue 11/1/11	Mon 12/26/11
2	Obtain Operational Data (Minimum 1 year)	Mon 1/2/12	Thu 1/3/13
3	Develop Project Scope and Negotiate Design Services Contract with Consultant	Fri 1/4/13	Fri 3/1/13
4	Obtain SRF Funding	Fri 2/1/13	Thu 1/1/15
5	Environmental/ CEQA	Fri 2/1/13	Fri 1/31/14
6	Conduct Preliminary Design/ Identify Project	Mon 3/4/13	Fri 8/2/13
7	Final Design	Mon 8/5/13	Wed 4/2/14
8	Initiate Proposition 218 Process	Tue 4/1/14	Fri 8/1/14
9	Bid Advertisement/ Bid Awarded/ Notice to Proceed	Mon 8/4/14	Mon 12/1/14
10	Construction Period	Thu 1/1/15	Wed 6/1/16
11	Arsenic Compliance Project Startup	Thu 6/16/16	Fri 9/16/16

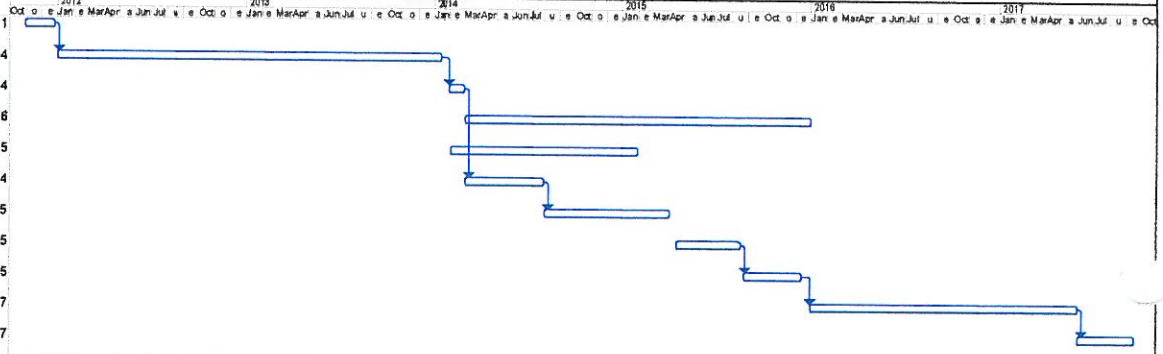


Project: Arsenic Compliance Project S
Date: Mon 8/23/10

Task | Progress | Summary | External Tasks | Split
Split | Milestone | Project Summary | External MileTask

Detailed Project Schedule for Ammonia Compliance Project

ID	Task Name	Start	Finish
1	New WWTP Facility Startup	Tue 11/1/11	Mon 12/26/11
2	Obtain Operational Data (Minimum 2 year)	Mon 1/2/12	Mon 1/13/14
3	Develop Project Scope and Negotiate Design Services Contract with Consultant	Fri 1/31/14	Fri 2/28/14
4	Obtain SRF Funding	Mon 3/3/14	Fri 1/1/16
5	Environmental/ CEQA	Mon 2/3/14	Fri 1/30/15
6	Conduct Preliminary Design/ Identify Project	Mon 3/3/14	Fri 8/1/14
7	Final Design	Mon 8/4/14	Wed 4/1/15
8	Initiate Proposition 218 Process	Wed 4/15/15	Mon 8/17/15
9	Bid Advertisement/ Bid Awarded/ Notice to Proceed	Tue 8/25/15	Mon 12/14/15
10	Construction Period	Fri 1/1/16	Thu 6/1/17
11	Ammonia Compliance Project Startup	Fri 6/2/17	Mon 9/18/17



Project: Ammonia Compliance Project
Date: Mon 6/23/16

Task | Split | Progress | Milestone | Summary | Project Summary | External Tasks | External MileTask | Split