

From: [Wickham, Jerry, Env. Health](#)
To: ["Brandt, Katherine"](#)
Cc: [Brockman, Jesse](#); [Arceneaux, Nicole Marie](#)
Subject: RE: RO231 - System Selection and Startup Report Extension
Date: Thursday, May 28, 2015 8:15:00 AM

Kathy,

Thank you for the update and schedule. We have no objections to the proposed schedule.

Regards,

Jerry Wickham

Alameda County Environmental Health

1131 Harbor Bay Parkway

Alameda, CA 94502

510-567-6791

jerry.wickham@acgov.org

From: Brandt, Katherine [mailto:Katherine.Brandt@arcadis-us.com]
Sent: Wednesday, May 27, 2015 2:47 PM
To: Wickham, Jerry, Env. Health
Cc: Brockman, Jesse; Arceneaux, Nicole Marie
Subject: RO231 - System Selection and Startup Report Extension

Jerry,

As you know Chevron and ARCADIS has been working through the system selection, permitting, public comment period, media exposure, PGE upgrades, and other items related to the remediation at the Co-mingled plume property located at 800/726/706 Harrison Street in Oakland.

ARCADIS has selected a previously used/operated Chevron unit for use at our site. The unit will need to be tested to identify any deficiencies prior to implementing the remedy. Once the equipment testing and upgrades (sound attenuation and any other repairs) are complete we will be able to apply for the City of Oakland building permit. The City of Oakland permit is anticipated to take 45 days. The BAAQMD public comment period has ended with minor questions about the age of the plume and the years of remediation. No additional media coverage has occurred since March. Once we pay a nominal fee for the public participation the BAAQMD will issue the permit to construct. PGE has not extended the service to the property yet. All fees were paid in Q1 2015 and we are working with PGE to get on their books for the electrical upgrade.

ARCADIS plans to test the equipment next week and determine the extent of upgrades/repairs. If all items fall into place we should be starting up the system the first week of August 2015.

As we move through this process, we will provide a Microsoft Project schedule to help facilitate site visits and document review. Please let us know if you have any questions.

Thank you

Kathy

Katherine Brandt, P.G. | Senior Geologist, Project Manager | katherine.brandt@arcadis-us.com

ARCADIS U.S., Inc. | 2000 Powell Street, 7th Floor | Emeryville, CA 94608

T: 510.596.9675 | M. 925.202.7948 | F. 510.652.4906

Connect with us! www.arcadis-us.com | [LinkedIn](#) | [Twitter](#) | [Facebook](#)

Professional Registration/PG-CA, #9132

Katherine Brandt, P.G. | Senior Geologist, Project Manager | katherine.brandt@arcadis-us.com

ARCADIS U.S., Inc. | 2000 Powell Street, 7th Floor | Emeryville, CA 94608

T: 510.596.9675 | M. 925.202.7948 | F. 510.652.4906

Connect with us! www.arcadis-us.com | [LinkedIn](#) | [Twitter](#) | [Facebook](#)

Professional Registration/PG-CA, #9132



ID	Task Name	Duration	Start	Finish	Calendar																												
					1st Quarter							2nd Half							3rd Quarter							4th Quarter							1st
					M	E	B	M	E	B	M	E	B	M	E	B	M	E	B	M	E	B	M	E	B	M	E	B	M	E	B	M	E
1	351646 - System Plan	169 days	Mon 6/1/15	Wed 1/27/16	[Gantt bar spanning from Mon 6/1/15 to Wed 1/27/16]																												
2	Start date (SOR Processed)	0 days	Mon 6/1/15	Mon 6/1/15	[Milestone diamond at 6/1]																												
3	2015 Events and Activities	169 days	Mon 6/1/15	Wed 1/27/16	[Gantt bar spanning from Mon 6/1/15 to Wed 1/27/16]																												
4	AS/SVE System Design and Submittals	46 days	Tue 6/2/15	Tue 8/4/15	[Gantt bar spanning from Tue 6/2/15 to Tue 8/4/15]																												
5	Richmond Yard Equipment Test	19 days	Tue 6/2/15	Fri 6/26/15	[Gantt bar spanning from Tue 6/2/15 to Fri 6/26/15]																												
11	AS/SVE Equipment Selection and System Design	15 days	Fri 6/26/15	Thu 7/16/15	[Gantt bar spanning from Fri 6/26/15 to Thu 7/16/15]																												
12	EMC Sign off (Tech Assist?)	5 days	Fri 7/17/15	Thu 7/23/15	[Gantt bar spanning from Fri 7/17/15 to Thu 7/23/15]																												
13	ACEH Communication	1 day	Fri 7/24/15	Fri 7/24/15	[Milestone diamond at 7/24]																												
14	System Permitting (assumes 45 days for City approvals)	32 days	Mon 6/22/15	Tue 8/4/15	[Gantt bar spanning from Mon 6/22/15 to Tue 8/4/15]																												
15	Chevron City Permits FINAL	0 days	Tue 8/4/15	Tue 8/4/15	[Milestone diamond at 8/4]																												
16	Well Installation (remaining 2 AS wells)	42 days	Fri 7/17/15	Tue 9/15/15	[Gantt bar spanning from Fri 7/17/15 to Tue 9/15/15]																												
20	Remedial System Installation	99 days	Mon 6/1/15	Fri 10/16/15	[Gantt bar spanning from Mon 6/1/15 to Fri 10/16/15]																												
21	Chevron Community Out Reach	2 days	Mon 7/6/15	Tue 7/7/15	[Gantt bar spanning from Mon 7/6/15 to Tue 7/7/15]																												
23	PG&E TASKS	44 days	Mon 6/1/15	Thu 7/30/15	[Gantt bar spanning from Mon 6/1/15 to Thu 7/30/15]																												
28	Trenching	15 days	Mon 7/13/15	Fri 7/31/15	[Gantt bar spanning from Mon 7/13/15 to Fri 7/31/15]																												
32	2015 - AS/SVE Install (assume reuse)	22 days	Fri 7/24/15	Mon 8/24/15	[Gantt bar spanning from Fri 7/24/15 to Mon 8/24/15]																												
37	System Startup and Reporting	50 days	Fri 8/7/15	Fri 10/16/15	[Gantt bar spanning from Fri 8/7/15 to Fri 10/16/15]																												
42	Operation and Maintenance 2015	115 days	Fri 8/14/15	Wed 1/27/16	[Gantt bar spanning from Fri 8/14/15 to Wed 1/27/16]																												
43	OMM Month 1	22 days	Fri 8/14/15	Tue 9/15/15	[Gantt bar spanning from Fri 8/14/15 to Tue 9/15/15]																												
44	OMM Month 2	22 days	Wed 9/16/15	Thu 10/15/15	[Gantt bar spanning from Wed 9/16/15 to Thu 10/15/15]																												
45	OMM Month 3	22 days	Fri 10/16/15	Mon 11/16/15	[Gantt bar spanning from Fri 10/16/15 to Mon 11/16/15]																												
46	ARCADIS 2015 OMM Quarterly Report	22 days	Wed 12/2/15	Mon 1/4/16	[Gantt bar spanning from Wed 12/2/15 to Mon 1/4/16]																												
47	RSRT Data and System Evaluation (post 1 Quarter)	5 days	Thu 1/21/16	Wed 1/27/16	[Gantt bar spanning from Thu 1/21/16 to Wed 1/27/16]																												

Project: MSP Date: Tue 5/26/15	Task		Project Summary		Inactive Milestone		Manual Summary Rollup		Progress	
	Split		External Tasks		Inactive Summary		Manual Summary		Deadline	
	Milestone		External Milestone		Manual Task		Start-only			
	Summary		Inactive Task		Duration-only		Finish-only			