

TO: BOARD OF DIRECTORS

FROM: MARIO IGLESIAS
GENERAL MANAGER



DATE: APRIL 21, 2017

AGENDA ITEM

C

APRIL 26, 2017

PRESENTATIONS AND REPORTS

The following presentations and reports are scheduled:

- C-1) DIRECTOR OF ENGINEERING AND OPERATIONS SUMMARY OF ACTIVITIES – MONTHLY REPORT; JOSHUA ROAD PUMP STATION CONSTRUCTION

- C-2) DIRECTORS' ANNOUNCEMENTS OF DISTRICT & COMMUNITY INTEREST AND REPORTS ON ATTENDANCE AT PUBLIC MEETINGS, TRAINING PROGRAMS, CONFERENCES, AND SEMINARS.
Receive Announcements and Reports from Directors

- C-3) RECEIVE PUBLIC COMMENT ON PRESENTATIONS AND REPORTS PRESENTED UNDER ITEM C AND BY MOTION RECEIVE AND FILE PRESENTATIONS AND REPORTS.

TO: BOARD OF DIRECTORS

FROM: MARIO E. IGLESIAS
GENERAL MANAGER



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AGENDA ITEM

C-1

APRIL 26, 2017

**DIRECTOR OF ENGINEERING AND OPERATIONS
SUMMARY OF ACTIVITIES – MONTHLY REPORT; JOSHUA ROAD
PUMP STATION CONSTRUCTION**

ITEM

Engineering and Operations monthly report and update for Joshua Road Pump Station Reservoir, March 2017 Report [NO ACTION REQUESTED].

BACKGROUND

Director of Engineering and Operations, Peter Sevcik will overview his update (attached) and discuss recent activities at the JRPS Reservoir Project.

RECOMMENDATION

Staff recommends that your Honorable Board receive the update.

ATTACHMENTS

- A. Monthly Report for Joshua Road Pump Station Reservoir, March 2017

April 26, 2017

ITEM C-1

ATTACHMENT A

Nipomo Community Services District



Supplemental Water Project Joshua Road Pump Station Reservoir Monthly Progress Report



Prepared By:
MNS Engineers, Inc.
March 2017

Schedule and Budget Summary

Schedule Summary

Notice to Proceed	April 25, 2016
Original Contract Days	270
Contract Days Added	83
Revised Contract Days	353
Elapsed Time (Days)	(335)
Remaining Time (Days)	18
Contract Completion Date	April 12, 2017
Time Elapsed to Date	94.9 %
Work Completed to Date	83.7%
Approved Change Orders (Days)	83 days

Budget Summary

Original Contract Amount	\$2,463,375.00
Approved Change Orders (Cost)	\$322,444.25
Revised Contract Amount	\$2,785,819.25
Previous Payments	\$2,179,085.36
Current Month Pay Request	\$152,131.84
Total Work Completed	\$2,331,217.20
Work Remaining	\$454,602.05

Progress Summary

Joshua Road Pump Station Reservoir

Summary of Work:

PHC graded back the slope around the reservoir to a 3:1 and formed a v-ditch at the top of the slope to help prevent erosion and installed a fire truck turn around with Class II AB at the site entrance. Their subcontractor National Coatings prepped and painted the reservoir, then PHC installed the roof drains. They also placed Class II AB to grade around reservoir and site, then subcontractor Lopez Engineering formed and poured concrete curb, gutter and v-ditches. After the concrete had cured enough to work around, PHC subcontractor Pav-Kote placed two layers of asphalt on site. Electrical subcontractor Coleman Pacific set site light posts.

Pictures:



PHC setting grades for Class II AB around reservoir.



PHC placing Class II AB around reservoir.



PHC placing Class II AB around reservoir.



Class II AB spread around reservoir.



Class II AB to grade around reservoir.



Coleman Pacific and PHC setting light post.



Coleman Pacific and PHC setting light post.



Coleman Pacific and PHC setting light post.



PHC grading area above slope around reservoir.



PHC setting pump on AB to prepare to drain the reservoir.



Trailer pump set up and draining reservoir to prepare for cleaning and disinfection.



PHC continuing work to shape slope around reservoir.



PHC cutting slope around reservoir to a 3:1.



Slope around reservoir cut to a 3:1.



PHC fine grading around outside of Class II AB to prepare for curb and gutter.



PHC checking and setting grades to prepare for construction of curb and gutter.



Shallow v-ditch graded around the top of the slope to prevent erosion of 3:1 slope.



Clean-up of temporary construction easement and restoration of top soil.



Clean-up of temporary construction easement and restoration of top soil.



PHC restoring top soil in temporary construction easement.



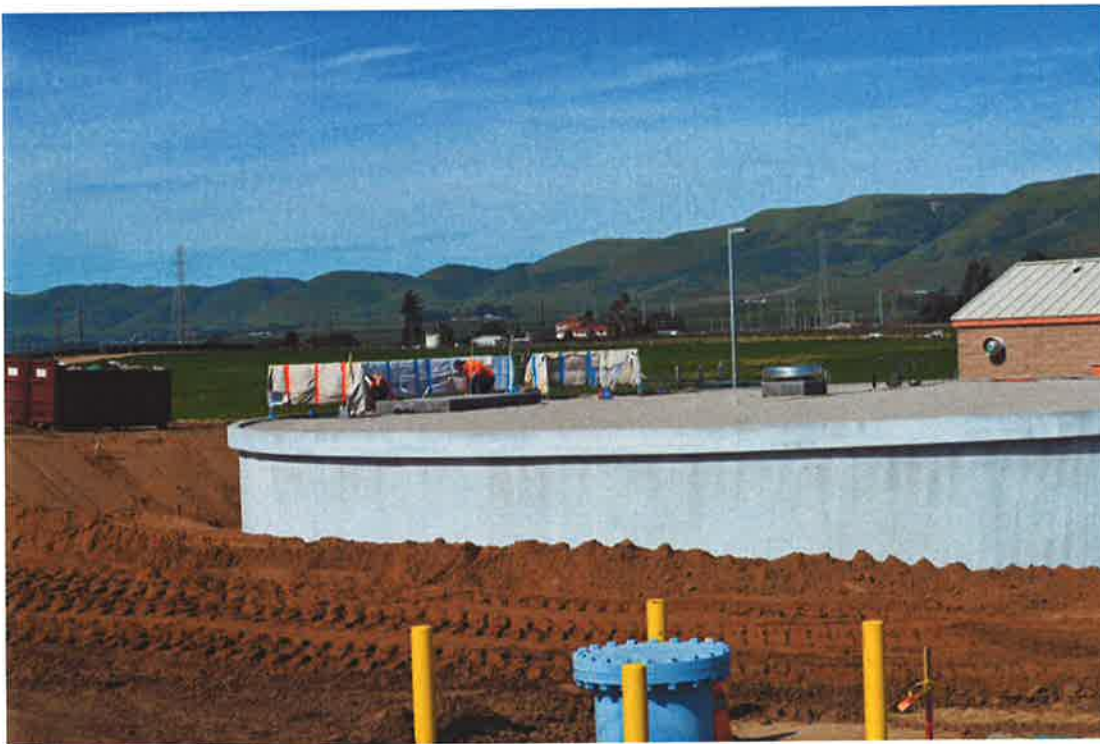
PHC installing Class II AB fire truck turn around.



PHC construction Class II AB fire truck turn around.



Construction of Class II AB fire truck turn around.



Primer applied to outside of reservoir by coating subcontractor National Coating.



National Coating prepping surface of reservoir and applying primer.



Primer on reservoir.



National Coating applying first layer of Carboline coating on reservoir.



National Coating applying second layer of coating to reservoir.



Reservoir coating completed.



PHC preparing site for concrete work and paving.



PHC checking grades to prepare for concrete work and paving.



Lopez Engineering on site to form and pour concrete curb and gutter, v-ditches and splash pad.



Lopez Engineering forming concrete curb and gutter.



Concrete curb and gutter formed.



Concrete curb and gutter formed around valve cans.



Lopez Engineering starting to pour concrete curb and gutter.



Forms and reinforcement for concrete around valve collars and v-ditch installed.



Lopez Engineering pouring concrete v-ditch.



Lopez Engineering forming splash pad.



Pouring concrete around valve collars and v-ditch.



PHC and Lopez Engineering pouring concrete curb and gutter.



Lopez Engineering finishing concrete curb and gutter.



Finishing concrete v-ditch and concrete around valve collars.



Lopez Engineering forming overflow v-ditch.



Finishing concrete curb and gutter.



Lopez Engineering finishing concrete curb and gutter and overflow v-ditch.



Concrete work curing, PHC cleaning up site.



Concrete work curing.



Pav-Kote placing first lift of asphalt.



Pav-Kote placing first lift of asphalt.



Placing first lift of asphalt around reservoir.



Pav-Kote placing first lift of asphalt around reservoir.



Pav-Kote rolling first layer of asphalt.



Pav-Kote applying second layer of asphalt.



Placing second layer of asphalt.



Placing second layer of asphalt.



Placing second layer of asphalt.



Rolling of second layer.



Pav-Kote finishing second layer of asphalt around reservoir.



Final rolling of asphalt.



Ponding water after rain where areas will need to be repaired to drain.



Ponding water after rain, concrete v-ditch flowing.



Concrete v-ditches and gutter flowing after rain.