

SANITARY DISTRICT OF DECATUR

501 Dipper Lane Decatur, IL (217) 422-6931

MEMORANDUM

Maintenance Monthly Activity Report for November 2016

Overall

Sludge Thickening: Worked with engineering to verify punch list items had been completed. It was identified during a lighting audit that the occupancy sensors were not functional in the 114 building main area and 112 Motor Control Center. These items were added to the punch list.

Flow Monitoring: We had a conference call with the manufacturer of our current flow monitoring equipment and discussed the reliability issues we have encountered. We emailed set up and flow files to their authorized technician for review. We met with our local Hach (Flodar) representative and installed a unit on a trial basis. This data from this unit is being compared to incoming plant flow and our current unit. To this point, the Flodar unit is trending much more accurately. If the trend continues, a new Flodar unit will be ordered and installed in this application.

Turbo Blower Failure: The technician arrived on site 11/29 to install the repaired core and service the three other turbo blowers. All maintenance personnel assisted with the installation of the repaired core. This gave everyone a chance to familiarize themselves with the blowers. We have not had major issues with the turbo blowers previously, so this was our first opportunity to expose everyone to the disassembly / assembly procedures. The repaired core is in and blower #6 is up and running at this time. As part of the service, the technician also performed optimization on the turbo blower system. This will give us the flexibility to run at lower speeds for more efficient operation.

Effluent Pump Replacement: Working with Jamey Oliver and Greg Pyles on proper variable speed drive set up and function testing. We are adjusting parameters for improved motor protection. The effluent pump is running well at this time.

East Interceptor: All three quotes for fencing installation have been received. I have asked all three vendors to supply drawings of the planned installation to verify we are comparing similar materials and installation methods. We plan to award the work as soon as possible and begin installation shortly after award.

Work Orders Completed, Total of 860

42	Corrective
10	Improvement / New
734	Preventative
1	Process
8	Project
8	Safety
4	Training / Meeting
1	Asset Management
52	Proactive Work / Issues found during preventative work

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I&C Monthly Activity:

The motor control center (MCC) for Finley Creek pump station has been received. Project walk through was completed November 15th with all three contractors present. Anderson Electric was the low bidder and has been awarded the work. Work will begin in December 2016. Our I&C staff is preparing to complete the programmable logic controller (PLC) portion of this project, and has fabricated temporary pump control panels with soft starts for the collection system MCC replacement projects.

The I&C group programmed the existing VFD to work with the replacement effluent pump. A large amount of old / abandoned wiring was removed during the course of this project to clean up the panels and make them easier to troubleshoot.

We are ordering signage for motor control centers labeling them as "Authorized Personnel Only". We have found during safety audits that some motor control centers are being used as walkways which should not be permitted. Signage will be installed and safety training will be performed.

Mechanical Maintenance Monthly Activity:

Maintenance personnel have been working diligently to perform needed maintenance on the nitrification clarifiers on the west end of the plant. At this time 8 clarifiers have been taken down and serviced. The maintenance involves completely draining the tank, operating all floor pressure relief valves, cleaning the sludge suction tube, repairing any damage to the grout around the center structure, and installing new seals. The northern cluster of nitrification clarifiers is on hold until the wells are cleaned by SKS. The lab provided an analysis of the makeup of the water in the wells to SKS to ensure the proper chemicals / methods are used. A quote to perform the well cleaning was received early December 2016. We are evaluating options for how best to proceed. We currently have secondary clarifiers 1 and 2 down for service. These units will require replacement of the turnbuckles that adjust the sweeper arm height and some metal replacement. The replacement turnbuckles and associated hardware have been ordered and will be installed after they are received (Estimated to receive the parts mid January 2017).

Working with operations and safety staff to verify all buildings are properly winterized and taking care of any issues that come up during walk throughs.

M.I.S. Department Monthly Update

Network Administration, Helpdesk, Troubleshooting and Repair

- Ongoing network administration.
- Replaced all time clocks
- Updated wireless access points (VLAN- 3)
- Updated Topcon (GPS) server access points.
- SDD Integration Database
 - Working with the program developer (MSF&W) to correct duplication issues with our Dynamics to TabWare integration database.
 - Completion forecast – Ongoing

SANITARY DISTRICT OF DECATUR

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MEMORANDUM

- SDD-CMMS Database
 - Working with Assetpoint to find fix related to linked documents issues
 - Completion forecast – Ongoing

Systems Integrator Monthly Update

- Working with I&C on getting ready for Finley Creek MCC upgrade and Hickory Point.
- Working on updating drawings for closed electrical projects (044 Ferrous, ODOR Control 2P Micro, 009, 011, 059 Bldg)
- Cleaning up old programs, SCADA tags, and documentation (Cleaning up the original Hoffman Blower Program and looking at incorporating it into the MCP Neuros Program to reduce PLC's in the plant). Cleaning up the Digester Program and optimizing the Process Water Heating Control.
- Working on creating SOP's for completed projects.
- Working with INS to create statistical process control charts to help catch blower problems before they occur
- Working on updating all SCADA pictures to use the new standardized Auto/Manual, Start/Stop, Open/Close buttons
- I have acquired all AutoCAD drawings from manufacturers and Integrators for all PLC projects done in the plant over the last 10 years and am using them to update documentation for all projects.
- Working on Effluent #2 and #4 VFD controls. Incorporating them into Ethernet control schemes.
- Putting together projects for next year's budget to reduce the number of PLC's in plant by combining some old processors into the new units.
- Optimizing Neuros MCP Blower controls to allow all blowers to ramp down to the calculated minimums.

If you have any questions or would like additional information about the maintenance department and our activities, feel free to contact me.

Thank you,

James Malone, CPMM

Phone: (217) 422-6931 (x-226)

Director of Engineering Report

Dec 14, 2016

District staff manages projects, consultants, contractors and equipment suppliers. Consultant reports and Project Managers reports are included in this section and details regarding the status of the associated study, design, or construction projects.

Active Projects

2013 Digester Complex Improvements Project

SCOPE: This project consists of upgrades to the primary digesters' mixing systems with 4 Linear Motion Mixers to replace the current Pearth mixing systems; the addition of an electrical building to gain NFPA 820 code compliance in the primary digester complex; installation of automated drip traps and condensate collectors in the digester complex; and replacement of the waste gas burner to a separate location away from the digester complex.						
Contractor: Leander Construction (LCI) Engineer: Donohue and Associates						
Advertise	Pre bid	Bid Open	IEPA Cond. Award / Final Award	Notice to Proceed	Pre Construction	Substantial /Final Completion (as amended)
05/03/13	06/03/13	07/02/13	Cond. – 08/21/13 Final – 10/18/13	10/21/13	10/18/13	12/21/15 02/17/16

Key activities: LCI was notified that the underside coating of the Digester #3 deck is unacceptable, and the work has been rejected. The significant rust breakthrough along the trusses seen in the coating was presented to the contractor. Same report was sent to Leander's Performance Bond counsel.

2014 Sludge Thickening Project:

SCOPE: This project consists of upgrades to the districts sludge thickening system. It includes replacement of the current dissolved air floatation units (DAF's) to a newer technology, rotary drum thickeners (RDT's). To accommodate plant operation during construction, a new sludge thickening building (bldg 114) will be installed. Pumping systems and electrical systems are being upgraded at the same time.						
Contractor: Christy-Foltz Engineer: Donohue and Associates						
Advertise	Pre bid	Bid Open	IEPA Cond. Award / Final Award	Notice to Proceed	Pre Construction	Substantial /Final Completion (as amended)
07/14/14	08/08/14	08/28/14	Cond. – 09/25/14 Final – 10/03/14	10/20/14	2/10/15	04/23/16 10/01/16
Submittals Reviewed: 104 shop drawings and/or O&M manuals submitted / 104 completed Requests for Information (RFIs): 51 received / 51 answered Owner Requests for Proposal/Change Order (RFPCO): 25 issued / 0 outstanding						
ACRONYMS FOR REFERENCE: TWAS = Thickened Waste Activated Sludge; DAF = Dissolved Air Flotation; RDT = Rotary Drum Thickeners; WAS = Waste Activated Sludge RFI = Request for Information; RFPCO = Request for Proposal - Change Order; COR = Change Order Request; WCD = Work Change Directive;						

Key activities: Contractor is collecting final Asset Management paperwork and lien waivers.

- Issues: None.
- Future Change Order (will be final change):

(a) Relocation of mixing valves for RDT optimization	- \$ TBD
(b) Modify HSW wet well fill port	- \$ TBD

Director of Engineering Report

Dec 14, 2016

(c) Credit for elimination of asphalt replacement outside of 114 building - \$ TBD

2015 Damon Valve Replacement Project

SCOPE: The purchase, removal and replacement of two 20" check and gate valves, removal and installation of one set of District provided 20" gate and check valves, removal and replacement of 24" magnetic meter, and removal of 24" gate valve. The project also includes the installation of an underdrain system around an existing structure.						
Contractor: Burdick Plumbing and Heating Co., Inc. Engineer: SDD						
Advertise	Pre bid	Bid Open	Final Award	Notice to Proceed	Pre Construction	Final Completion
02/01/16	02/18/16	03/03/16	03/18/16	04/12/16		8/16/16
Submittals Reviewed: 1 shop drawings and/or O&M manuals submitted /1 completed Requests for Information (RFIs): 1 received / 1 answered Owner Requests for Proposal/Change Order (RFPCO): 0 issued / 0 outstanding						

Key activities: Work is complete. Waiting for final paperwork from contractor to close project out.

- o Future Change Order (will be final change):
 - (a) RFPCO #01 - Replace 3 hatches into the pipe gallery access pit. est. \$6,800

2016 Sewer Cleaning and CCTV Project

SCOPE: The project includes approx. 10,200 LF of interceptor cleaning located in the following systems: SE 42", Graceland, 7 th Ward, 7 th ward Outfall, S Edwards Overflow, and SE Overflow Interceptor. These were sections identified in the pre-televising investigation done in 2015 of 35,000 LF of sewer.						
Contractor: Telescan, Inc. Engineer: SDD						
Advertise	Pre bid	Bid Open	Final Award	Notice to Proceed	Pre Construction	Substantial Completion
03/28/16	04/14/16	4/26/16	05/23/16	06/06/16	06/14/16	10/04/16
Submittals Reviewed: 0 shop drawings and/or O&M manuals submitted / 0 completed Requests for Information (RFIs): 0 received / 0 answered Owner Requests for Proposal/Change Order (RFPCO): 0 issued / 0 outstanding						

Key activities: Cleaning and Televising work has been completed. Contractor is completing rating of the videos now. We will hold retainage until verification of PACP ratings.

Note: PACP ratings are Pipeline Assessment and Certification Program rating values that provides a means for SDD to assess the condition of sewer lines. The standardization program allows us to prioritize which sewer lines we should performing rehabilitation work on next.

- o Change Order #1 for the boards consideration this month.
 - (a) Additional services to remove excess grit in SE 42" sewer +\$24,440.00
 - (b) Unit Price Adjustments -\$34,307.50

Director of Engineering Report

Dec 14, 2016

2015 Effluent Pump Replacement Project

SCOPE: The district has two SRS Crisafullii mixed flow pumps in the effluent pump station. Currently, these two pumps are not capable of meeting the required capacity. Plant effluent pumps are required by permit to be able to pump 31.25 MGD to maintain our 125 MGD peak flow capacity. This replacement pump re-establishes that capability.						
Contractor: Burdick Plumbing and Heating Engineer: SDD						
Advertise	Pre bid	Bid Open	Final Award	Notice to Proceed	Pre Construction	Substantial Completion
02/13/15	03/03/15	4/02/15	07/15/15	8/13/15	TBD	2/24/16
Submittals Reviewed: 1 shop drawings and/or O&M manuals submitted / 1 completed Requests for Information (RFIs): 0 received / 0 answered Owner Requests for Proposal/Change Order (RFPCO): 0 issued / 0 outstanding						

Key Activities: Work is complete

- Change Order #01 is before the board for consideration.
 - (a) Contract Time Extension - 279 days
 - (b) Flow conditioning hardware in effluent channel. - \$34,523.00

2016 Hickory Point Pump Station Replacement

SCOPE: The Hickory Pt pump station is an older pump station with an undersized wet well and influent bar screens which blind off and requires manually cleaning weekly. The station has an underground storage tank (UST) that feeds a diesel generator; the UST will be removed as part of this project. Access to the bar screen is difficult and is a confined space for staff to work in. Additionally, upgrades will convert the station to a submersible pump station and eliminate the confined space entry. Electrical controls were upgraded in the early 2000's, most of which will be reused as part of the project.						
Contractor: Otto-Baum Engineer: Clark Dietz Engineers						
Advertise	Pre bid	Bid Open	Final Award	Notice to Proceed	Pre Construction	Substantial /Final Completion
03/23/16	04/07/16	4/21/16	05/23/16	06/28/16	06/28/16	05/28/17 (334 days) 06/27/17 (365 days)
Submittals Reviewed: 0 shop drawings and/or O&M manuals submitted / 0 completed Requests for Information (RFIs): 0 received / 0 answered Owner Requests for Proposal/Change Order (RFPCO): 0 issued / 0 outstanding						

Key Activities: All sections of Pre-Cast wet well were installed this last period. The shoring system has been removed and contractor is coordinating electrical work. The foundation for the new pump station structure is being constructed.

- Issues: NONE
- Future Changes:
 - (a) None - TBD

Director of Engineering Report

Dec 14, 2016

2016 South Sludge Lagoons – Phase 3

SCOPE: The Sanitary District has leased 2 lagoons on the South side of the Sangamon River from the Macon County Conservation District (MCCD). That lease has expired, so the lagoons are being returned to the MCCD. This project is re-establishing the property to agreed upon contours and planting schedules. The two lagoons will have residual sludge from Phase 2 dredging which must be disposed and miscellaneous piping, conduit, fencing that will need removed. The East side of the remaining two western-most lagoons will need rip-rap to protect from erosion of Sangamon River flow.						
Contractor: Beyers Construction Engineer: Chastain and Associates - Designer						
Advertise	Pre bid	Bid Open	Final Award	Notice to Proceed	Pre Construction	Substantial Completion
06/08/16	06/16/16	06/28/16	07/20/16	07/21/16	07/22/16	01/18/17
Submittals Reviewed: 0 shop drawings and/or O&M manuals submitted / 0 completed Requests for Information (RFIs): 1 received / 1 answered Owner Requests for Proposal/Change Order (RFPCO): 0 issued / 0 outstanding						

Key Activities: Most construction activity is complete.

- Issues: Weather is continuing to cause difficulty with seeding. MCCD generally seeds when ground is frozen to allow winter freeze thaw cycles to embed grass mixes into soil for spring germination. We anticipate seeding week of 12/12/16. Subcontractor needs a 3 day window to place the seed.
- Future Changes:

(a) Line Item #4 Sludge Removal (wet) quantity adjustment. from 40,000 to 63,731 CY	+ \$91,364.35
(b) Line Item #2 Earth Excavation quantity adjustment from 51,090 to 61,258 CY (est)	+ \$30,605.68
(c) Removal of Sampling wells (10 wells -\$5,652 plus renovation of 2 wells-tbd)	+ \$TBD
(d) Removal and disposal of unknown PVC piping around lagoon 9 (T&M)	+ \$TBD

2016 Primary Clarifier Control Structure (Bldg 210) Concrete Repair

SCOPE: The existing concrete approximately 5 feet around the perimeter of the building is experiencing spalling, material loss and delamination at embedded reinforcement and is in need of repair.						
Contractor: Fibrwrap Construction Services Engineer: Sanitary District of Decatur						
Advertise	Pre bid	Bid Open	Final Award	Notice to Proceed	Pre Construction	Substantial Completion
06/01/16	06/23/16	07/07/16	07/21/16	08/02/16	9/21/16	10/31/16
Submittals Reviewed: 10 shop drawings and/or O&M manuals submitted / 10 completed Requests for Information (RFIs): 0 received / 0 answered Owner Requests for Proposal/Change Order (RFPCO): 0 issued / 0 outstanding						

Key Activities: Reconstruction of the 210 deck is complete. The weather window has not allowed for final top coats to be placed, and will likely not be placed until weather breaks in March or April.


- Issues: None
- Future Changes:

(a) Line Item #3 Remove and Replace concrete below rebar quantity adjustment	+ \$TBD
(b) FO #01 – Remove and Replace material inside building beside west door & outside on East side of building – T&M	+\$TBD
(c) COR #01 – Additional concrete removal below specified depth	+\$TBD

Director of Engineering Report

Dec 14, 2016

2016 Spring Creek Crossing

SCOPE: Upstream from the St Louis Bridge pump station, there is a creek crossing with exposed pipe on piers that are compromised need to be replaced. This project is to replace the piers and piping through the creek bed.						
Contractor: TBD						
Engineer: Farnsworth Group – Design Engineers						
Advertise	Pre bid	Bid Open	Final Award	Notice to Proceed	Pre Construction	Substantial Completion
10/xx/16	10/xx/16	10/xx/16	XX/XX/16	XX/XX/16	TBD	XX/XX/XX
Submittals Reviewed: 0 shop drawings and/or O&M manuals submitted / 0 completed						
Requests for Information (RFIs): 0 received / 0 answered						
Owner Requests for Proposal/Change Order (RFPCO): 0 issued / 0 outstanding						

- **Key Activities:** Proposal was incorporated into the easement documents to allow the last property owner a free tapping permit into a SDD manhole on their property. The technical specifications are complete, front end documents are being finalized before for advertisement is issued.
 - (a) There are 3 easements and a temporary construction easement to obtain for this construction work. The last easement is under review by property owner (and their attorney).

NON CONSTRUCTION ACTIVITY

2016 Interceptor Rehabilitation Project: Facility Plan Amendment (FPA) work was completed by the district, and was submitted to IEPA for approval this last month. There are two sewers included in the FPA. When evaluating their asset condition they receive weighted Pipeline Assessment Certification Program (PACP) scores over 4 (0 = new; 5 = terrible). The two systems are the South East 36" which is 7015 LF and South Shores (SS) which is 13,302 LF. In reviewing the condition of the two, the SE 36 has a higher priority score and is being budgeted for 2016 rehabilitation.

- FPA was submitted to IEPA on May 16th.
- Plans and specifications are currently being drawn up by SDD staff for the SE 36" lining portion of this FPA.
- IEPA has notified the SDD of their intent to issue a Categorical Exclusion for the SE 36" and South Shores Sewer rehabilitation projects, indicating their agreement that the work is technically appropriate and that the project is limited in scope and the potential of negative environmental impacts is low. There is a requirement that SDD advertise this finding to open up a public comment period after which we provide notice to the agency.

2017 Design of West Primary: There is a design engineering services agreement before the board for consideration for this project.

2017 Roads Rehab Project: Staff is preparing plans and specs for this year's road maintenance work. The work is part of our annual roads asset management program.

Director of Engineering Report

Dec 14, 2016

2017 Primary Clarifier (4,5 and 6) / P2 Channel Concrete Repair Project: Staff is preparing plans and specs for restoring the concrete loss underneath odor control covers on the P2 channel and the primary clarifiers in the East head works.

- Technical Specifications have been completed.
- Front end documents and Summary of work need finalized prior to advertising.

2017 Roof Rehab Project: Staff has started review of 2016/17 roofing work to be completed. Anticipating a Feb Bid and March Award to complete the work early in 2017.

INTERGOVERNMENTAL ACTIVITIES

- MCCD – coordination with seeding and tree planting modifications.
- Met with City/BGM. City has a 7th Ward sewer line that they are preparing to do rehab work on. The purpose of the meeting was coordination on flow bypass and general knowledge of the project.

PROPOSED BOARD ACTION

For the Board's consideration from Engineering this meeting:

1. **Change Order #1 – 2016 Sewer Clean and CCTV Project**
2. **Change Order #4 – Sludge Thickening Replacement Project**
3. **Change Order #1 – 2015 Effluent Pump Replacement Project**
4. **Professional Services Agreement – 2017 West Head Works Improvements Design and Bid Phase Services**

Further details can be found in the Summary of Motions.

If there are any questions, please contact me by telephone at 422-6931 ext 216, or by email at DonM@sddcleanwaterr.org.

Memorandum



Date: December 6, 2016

To: Donald B. Miller, P.E., Director of Engineering

From: Joe Pisula

A handwritten signature in blue ink that reads 'Joe Pisula'.

Re: Project Status Report
Primary Digester Complex Improvements
IEPA Loan No. 174876

During the month of November 2016, Leander Construction, Inc. (LCI) made no further progress in completing punchlist items for the project. Ovivo did provide training on the auto lubrication devices for the LMI mixers during the month of November. LCI's work status remains unchanged, primarily due to gas migration into the attic space of the floating cover of Primary Digester #3. Retainage remains at 5% of the total contract amount.

In numerous past reports, Donohue apprised the Board of various developments related to the gas migration issue into the attic spaces of the floating covers on some digesters. The District took Primary Digester #3 off line in June and it remains off-line as of this date. The District informed LCI in June 2016 of its obligation to correct this deficiency. LCI has not attempted to investigate or solve this problem nor has LCI accepted responsibility for this issue.

During October, the District's third party contractor continued to make corrections to deficiencies in Digester #3's ceiling plate, by adding patch plates and replacing sump wells. Several holes were found in the cover ceiling plate and those were corrected from inside the attic space (and not from below). Where these corrections were made, the layer of lightweight concrete had to be removed and replaced by the District's third party contractor.

On October 25th, the District had Tele-Scan, Inc. complete a video of the underside of the ceiling plate via a submersible camera unit and that video revealed numerous places where the coating on the ceiling plate (where it butts up to roof trusses) was either inadequately applied or not applied at all, resulting in rust breakthrough. On October 28th Donohue informed LCI in writing of the results of this video inspection and informed LCI of their responsibility for this defective work.


As of this date, the cover on Primary Digester #3 has been floated on clear water (not sludge) and thus far it appears that the District's third party contractor has stopped the water migration into the attic space. On November 23, 2016 LCI submitted correspondence to the District that requested arbitration of these issues and a response to that request is forthcoming.



Memorandum

Date: December 6, 2016

To: Donald B. Miller, P.E., Director of Engineering

From: Joe Pisula 

Re: Project Status Report
Sludge Thickening System Replacement Project
IEPA Loan No. 174983

During the month of November 2016, Christy-Foltz, Inc. (CFI) and their subcontractors worked on various punch list items and CFI has resolved all but a few of these deficiencies. CFI has now been advised to complete all items before the end of December 2016. Also, CFI has provided Donohue with their "red-lined" as-built drawings and Donohue is nearly complete with incorporating those comments into the AutoCAD drawings.

Rotary drum thickener (RDT) optimization is now complete and the units are meeting the specified performance requirements, with the exception of the polymer usage being very slightly above the specification. Donohue expects that polymer usage could meet the specification once the SDD staff has more experience operating the units with the current polymer. Thus far, SDD has operated the units with this polymer only for a few weeks.

In last month's report, Donohue estimated that no additional Requests for Proposal/Change Order (RFPCO) documents would be expected before project closeout. However, in reviewing the final punch list items it was found that one final change order is merited, for changes to the contract for certain items deleted from and added to the Contract, as well as a final adjustment of the project quantities. That change order is Change Order #4 in the deductive amount of \$74,675.00. With this change order, CFI's final contract amount has been reduced by a total of \$131,906.33. At this time, the only remaining pay estimate to process is the final pay estimate which would release CFI's last portion of its retainage. That pay estimate is proposed for action by the SDD Board in December.



December 1, 2016

Mr. Donald B. Miller
District Engineer
Sanitary District of Decatur
501 Dipper Lane
Decatur, IL 62522

Re: 2016 Hickory Point Pump Station Replacement
Construction Services - Project Status Report
Clark Dietz Project No. D0540020

Dear Mr. Miller:

During the month of November 2016, the Contractor completed pouring the footing wall. They formed and poured the internal flow channel within the bottom of the wetwell. Some time was then needed in the middle of the month for this foundation to cure. Then water sealing was applied and the excavation was backfilled around the base of the wet well. Once the base was backfilled, the lowest levels of the shoring were removed, though there is still shoring to keep the excavation open as the wetwell is built up. By the end of the month, the first two pre-cast portions of the wet well were installed.

The Contractor's plan for December is to install the pre-cast sections of the wetwell to grade, backfill to grade, and install the internal wetwell piping.

During this month, Clark Dietz completed the following tasks:

- Received, reviewed, and returned 4 submittals.
- Monthly progress meeting and meeting minute preparation.
- Three site visits for construction observation/progress meeting.
- Received, reviewed, and answered 4 RFI's.

Work that we anticipate in the coming month includes:

- Submittal review – this will be minimal as most submittals are complete.
- Monthly progress meeting and meeting minute preparation.
- Site visits for continuing construction inspection.
- Answering RFI's and coordinating contractor questions as needed.

Please call me at 217-373-8933 if you have any questions.

Very Truly Yours,
Clark Dietz, Inc.

Andrea W. Bretl, P.E.
Project Manager



December 1, 2016

Mr. Donald B. Miller
District Engineer
Sanitary District of Decatur
501 Dipper Lane
Decatur, IL 62522

Re: 2014 Odor Control Upgrades – Phase 2
Construction Services - Project Status Report
Clark Dietz Project No. D0540017

Dear Mr. Miller:

During the month of October 2016, Clark Dietz completed the following tasks:

- Finalized record drawings and sent them to the District.
- Finalized project documentation.
- Prepared final documentation for the SRF loan.

We anticipate no additional work on this project unless requested by the District. Please call me at 217-373-8933 if you have any questions.

Very Truly Yours,
Clark Dietz, Inc.

Andrea W. Bretl, P.E.
Project Manager

Sanitary District of Decatur
501 Dipper Lane * Decatur, Illinois 62522 * 217/422-6931

MEMORANDUM

TO: Don Miller

DATE: December 5, 2016

FR: Roger Dudley

RE: 2016 Primary Clarifier Control Structure - Building 210 Concrete Repairs

- Contractor - Fibrwrap Constructions Services, Inc. - Orland Park, IL.
- Notice of Award was issued on July 21, 2016
- Notice to Proceed was issued on August 2, 2016
- Bonds and insurance certificates have approved.
- All submittals have been approved.
- Contractor began repair work on this project on October 10, 2016. Concrete pours around the 210 building has been completed. Several concrete areas repaired are experiencing cracking. Manufacturer representative has been contacted and preparing a submittal for repairing these areas of concern. Manufacturer has recommended that all cracks be routed, filled with epoxy crack filler and a coating be applied. Coating material remains to be applied, but shall be completed in the spring due to weather conditions.
- Only item remaining to be completed is the concrete repair to the nitrification tank walls. This area is designated as a time & material pay item.
- Project is estimated to be approximately 81% complete.

Sanitary District of Decatur
501 Dipper Lane * Decatur, Illinois 62522 * 217/422-6931

MEMORANDUM

TO: Don Miller

DATE: December 5, 2016

FR: Roger Dudley

RE: South Sludge Lagoons Restoration - Phase 3

- Contractor - Beyers Construction - Pana, IL.
- Notice of Award was issued on July 21, 2016
- Notice to Proceed was issued on July 21, 2016
- IEPA conducted an inspection of the sludge removal @ lagoon #9 on September 1 and inspection of lagoon #8 on September 23, 2016. IEPA has requested a final inspection after seeding and planting of trees has been completed.
- The contractor has removed all sludge from lagoons #9 & #8, removed and burned all trees, placed silt fencing on the north side of project site, placed riprap and placed fill material in lagoon #9 conforming to revised contours. Remaining items to be completed include; fencing, seeding and planting of trees.
- Monitoring well closure and repair was completed on October 18, 2016. Observation well closure paperwork has been filed with the Macon County Health Department by SKS Engineers, Inc. and submitted to the Sanitary District of Decatur.
- Project is estimated to be 90% complete.