SCOPE OF WORK

Wastewater Treatment Plant Upgrades

New Lisbon Developmental Center
New Lisbon, Burlington County, NJ

Project No. M1604-00

STATE OF NEW JERSEY

Honorable Philip D. Murphy, Governor
Honorable Tahesha L. Way, Lt. Governor

DEPARTMENT OF THE TREASURY

Elizabeth Maher Muoio, Treasurer

DIVISION OF PROPERTY MANAGEMENT AND CONSTRUCTION

Thomas A. Edenbaum, Director

Date: May 21, 2025

Document Format Revision 8-1-2022

TABLE OF CONTENTS

SECTION **PAGE**

I. OBJECTIVE

The objective of this project is to provide upgrades to the wastewater plant at the New Lisbon Developmental Center. Upgrades will include the UV disinfection system, the denitrification building, including pump replacement and the installation of a SCADA controls system, replacement of all filter media and the installation of an air scrubber system, upgrades to the secondary clarifier and alum tank, including repairs to the alum tank hydraulic system, repairs to the spray head automation system, installation of a waste water grinder pump, repairs to the storage lagoon liner, refurbishment of the phragmites beds, installation of a chlorine and caustic dosing system to automatically control the chemicals used to encourage the breakdown of organic matter, re-routing the piping to the flocculation tank and installation of a water storage tank control system. In addition, a lightning protections system will be added.

II. CONSULTANT QUALIFICATIONS

A. CONSULTANT & SUB-CONSULTANT PRE-QUALIFICATIONS

The Consultant shall be a firm pre-qualified with the Division of Property Management & Construction (DPMC) in the following discipline(s):

- **P006 Sanitary Engineering**

The Consultant shall also have in-house capabilities or Sub-Consultants pre-qualified with DPMC in:

- **P002 Electrical Engineering**
- **P005 Civil Engineering**
- **P011 Environmental Engineering**
- **P025 Estimating/Cost Analysis**

As well as, **any and all** other Architectural, Engineering and Specialty Disciplines necessary to complete the project as described in this Scope of Work (SOW).

III. PROJECT BUDGET

A. CONSTRUCTION COST ESTIMATE (CCE)

The initial Construction Cost Estimate (CCE) for this project is $2,039,189.

The Consultant shall review this Scope of Work and provide a narrative evaluation and analysis of the accuracy of the proposed project CCE in its technical proposal based on its professional experience and opinion.

B. CURRENT WORKING ESTIMATE (CWE)

The Current Working Estimate (CWE) for this project is $3,018,000.

The CWE includes the construction cost estimate and all consulting, permitting and administrative fees.

The CWE is the client agency's financial budget based on this project Scope of Work and shall not be exceeded during the design and construction phases of the project unless DPMC approves the change in Scope of Work through a Contract amendment.

C. CONSULTANT'S FEES

The construction cost estimate for this project ***shall not*** be used as a basis for the Consultant's design and construction administration fees. The Consultant's fees shall be based on the information contained in this Scope of Work document and the observations made and/or the additional information received during the pre-proposal meeting.

IV. PROJECT SCHEDULE

A. SCOPE OF WORK DESIGN & CONSTRUCTION SCHEDULE

The following schedule identifies the estimated design and construction phases for this project and the estimated durations.

PROJECT PHASE	ESTIMATED DURATION (Calendar Days)
1. Site Access Approvals & Schedule Design Kick-off Meeting	**14**
2. Investigation Phase	**42**
• *Project Team & DPMC Plan/Code Unit Review & Comment*	14
3. Design Development Phase	**42**
• *Project Team & DPMC Plan/Code Unit Review & Comment*	14
4. Final Design Phase	**42**
• *Project Team & DPMC Plan/Code Unit Review & Approval*	14

5. Final Design Re-Submission to Address Comments	**7**
• *Project Team & DPMC Plan/Code Unit Review & Approval*	14
6. DCA Submission Plan Review	**30**
7. Permit Application Phase	**7**
• *Issue Plan Release*	
8. Bid Phase	**42**
9. Award Phase	**28**
10. Construction Phase	**240**
11. Project Close Out Phase	**30**

B. CONSULTANT'S PROPOSED DESIGN & CONSTRUCTION SCHEDULE

The Consultant shall submit a project design and construction schedule with its technical proposal that is similar in format and detail to the schedule depicted in **Exhibit 'A'**. The schedule developed by the Consultant shall reflect its recommended project phases, phase activities, activity durations.

A written narrative shall also be included with the technical proposal explaining the schedule submitted and the reasons why and how it can be completed in the time frame proposed by the Consultant.

This schedule and narrative will be reviewed by the Consultant Selection Committee as part of the evaluation process and will be assigned a score commensurate with clarity and comprehensiveness of the submission.

V. PROJECT SITE LOCATION & TEAM MEMBERS

A. PROJECT SITE ADDRESS

The location of the project site is:

New Lisbon Developmental Center
1 Bennion Ave/Route 72 (Just South of Route 70)
New Lisbon, Burlington County, NJ

See **Exhibit 'D'** for the project site location map.

B. PROJECT TEAM MEMBER DIRECTORY

The following are the names, addresses, and phone numbers of the Project Team members.

1. DPMC Representative:

Name:	Darren Comegys, Design Manager
Address:	Division of Property Management & Construction
	20 West State Street, 3rd Floor
	Trenton, NJ 08608-1206
Phone No:	(609) 690-3298
E-Mail:	Darren.Comegys@treas.nj.gov

2. Department of Human Services:

Name:	Christian Casteel, Director, OPMC
Address:	Human Services - Central Office
	P.O. Box 700
	222 South Warren Street
	Trenton, NJ 08625
Phone No:	(609) 984-5501
E-Mail:	Christian.Casteel@dhs.nj.gov

VI. PROJECT DEFINITION

A. BACKGROUND

The New Lisbon Developmental Center (NLDC) is located in Burlington County and was founded in 1914 and the cottages of the facility were constructed in the late 1960's. It is the home for approximately 248 mentally and physically challenged individuals. The Center is manned 24-hours a day, 7 days a week. The Center provides a foundation for training, learning and maintaining health while enhancing the quality of life for individuals who reside on the grounds.

B. FUNCTIONAL DESCRIPTION OF THE SITE

In 2018, the Department of Human Services (DHS) procured the services of Remington & Vernick Engineers (RVE) to provide a report on the condition of the wastewater treatment plant (WWTP) at the NLDC in response to an Administrative Consent Order (ACO) issued to DHS by the Department pf Environmental Protection. The ACO established a schedule to implement changes necessary to comply with the NJ Pollutant Discharge Elimination System (NJPDES) Permit No. NJ0070955. As noted in the RVE report, some items have been corrected. The RVE report is shown in **Exhibit 'C'**. The ACO is shown in **Exhibit 'D'**.

Upgrades will include the UV disinfection system, the denitrification building, including pump replacement and the installation of a SCADA controls system, replacement of all filter media and the installation of an air scrubber system, upgrades to the secondary clarifier and alum tank hydraulic system, including repairs to the alum tank hydraulic system, repairs to the spray head automation system, installation of a waste water grinder pump, repairs to the storage lagoon liner, refurbishment of the phragmite beds, installation of a chlorine and caustic dosing system to automatically control the chemicals used to encourage the breakdown of organic matter, re-routing the piping to the flocculation tank and installation of a water storage tank control system. Note that some of these items are not mentioned in the RVE report.

Given the cost to repair or upgrade all of the items in the RVE report, it may be more cost effective to build a new plant (perhaps a packaged rental plant) than completing all of the above mentioned items. This shall be evaluated in the Investigation Phase.

The WWTP processes 0.2 MGD an includes an oxidation ditch with an intrachannel clarifier, denitrification filter, secondary clarification, tertiary chemical treatment, UV disinfection, phragmite beds, storage lagoons and a spray irrigation system.

Lightning has destroyed entire panels. A lightning protection system is needed.

VII. CONSULTANT DESIGN RESPONSIBILITIES

A. INVESTIGATION PHASE

The Consultant shall review the NLDC Treatment Plant Evaluation, shown in **Exhibit 'C'**, and evaluate the current state of the wastewater treatment plant with respect to the recommended upgrades and the Administrative Consent Order. Evaluate the feasibility of upgrading the plant versus replacing it with a new plant. Provide a report with cost estimates comparing and contrasting the two options. Upgrades shall include the following as a minimum:

The UV disinfection system,

The denitrification building, including pump replacement and the installation of a SCADA controls system

Replacement of all filter media and the installation of an air scrubber system

Upgrades to the secondary clarifier and alum tank, including repairs to the alum tank hydraulic system

Repairs to the spray head automation system

Installation of a waste water grinder pump

Repairs to the storage lagoon liner

Refurbishment of the phragmite beds

Installation of a chlorine and caustic dosing system to automatically control the chemicals used to encourage the breakdown of organic matter

Re-routing the piping to the flocculation tank

Installation of a water storage tank control system.

Installation of a lightning protection system.

A report and oral presentation, as part of the Investigation Phase, shall be made to the Project Team members describing the proposed plans, structures to be removed, structures to remain or abandoned in place, disposal of material, site restoration plans, permits, approvals, costs, and any other recommendations or requirements. The Project Team shall review these findings and approve the plan and recommendations based on available project funding and the importance of

the recommendation. The Consultant may not proceed with the design phase of any recommendation unless they have written approval from the DPMC Project Team Manager.

B. DESIGN PHASE

1. Infrastructure Modifications:

The Consultant shall provide construction documents for necessary infrastructure modifications at the New Lisbon Developmental Center to upgrade the wastewater treatment plant and satisfying requirements of the Administrative Consent Order.

2. Contractor Use of the Premises:

Regulations governing contractors while working at New Lisbon Developmental Center is mandatory. The Consultant shall identify any additional policies and procedures regarding the contractor's use of the premises with the DPMC project team and include that information in Division 1 of the specifications. See **Exhibit 'E'** for the facility rules and regulations.

The Consultant shall work with the Project Team for any special security and policy requirements that must be followed during all work conducted at the facility for this project and include this information in Division 1 of the specification.

Develop procedures for personnel to access the project site and construction areas, and provide the names and phone numbers of approved escorts when needed.

3. Demolition

Provide a demolition drawing that identifies the equipment and systems to be demolished and removed from the facility. Note that a complete demolition will not be necessary. Provide only for demolition necessary to tie into the existing lines and equipment.

Design documents shall state that the Client Agency has the first right of refusal for the salvage of the equipment. If the Client Agency refuses salvage rights then the Contractor has salvage rights for any item being removed from the facility.

Describe the special coordination requirements during the demolition phase with the project team and client personnel. Provide design criteria for such as shut down and isolation of utilities, need for temporary isolation valves, bypass piping, temporary power and utility backup systems if required, etc.

4. Fire Protection Program:

Address the fire protection requirements during the demolition and installation of the equipment. Language shall be included in the design documents that states any acetylene, welding, brazing, and soldering equipment, or other potential source of fire ignition cannot be used on the construction site until a fire watch program has been submitted by the Contractor and approved by the Consultant and Project Team members.

5. Site Preparation, Repairs, Restoration:

Approved locations for dumpsters shall be shown on the site drawing and the frequency for removal from the facility shall be described. Demolished equipment and materials may not be stored on site. Describe the requirements for disposal of special materials such as refrigerants, lubricants, etc.

Identify any special requirements for construction fencing, parking areas for contractor vehicles and equipment, traffic patterns, security, temporary site lighting, road barriers, material storage trailers, noise restrictions, special work hours, etc. if required.

The design documents shall identify the requirements necessary to restore the site landscaping, roadways, etc. to their original condition if they are impacted by the work of this project.

6. Phasing:

Any upgrades will have to be done in such a way as to leave the plant operational as much as feasible. Temporary equipment may be needed to ensure continuous plant operation. Offsite hauling may be too expensive. A phasing plan shall be provided.

C. MANUFACTURER'S FIELD SERVICES

1. Start-up & Tests:

The Consultant shall coordinate and arrange scheduling the start up for all the associated equipment. The Engineer shall ensure provide services that the equipment has been placed in operation, the Engineer shall ensure the equipment meets the manufacturer's performance standards and shall be adjusted for maximum efficiency. Provide test data and reports to the Project Manager upon commissioning of the equipment.

2. Training:

Require that the Contractor make provisions for a training session for the facility engineers, operators, and other interested personnel to demonstrate the proper operation of the equipment

and controls. The Contractor shall use the representative or approved representative to conduct the training session. The training time required shall be estimated by the Consultant and approved by facility personnel.

Five (5) sets of drawings, equipment specifications, operating manuals, start up and operating sequence, recommended spare parts material lists, warranties, and all other relevant information shall be bound in a binder and forwarded to the DPMC Project Manager.

3. Spare Parts:

Identify any manufacturer's recommended spare parts and special tools or instruments needed for the operation or maintenance of the equipment and provide them as part of this project.

4. Warranties:

Identify and ensure suitable warranties for all the new equipment including materials and labor.

D. DESIGN MEETINGS & PRESENTATIONS

1. Design Meetings:

Conduct the appropriate number of review meetings with the Project Team members during each design phase of the project so they may determine if the project meets their requirements, question any aspect of the contract deliverables, and make changes where appropriate. The Consultant shall describe the philosophy and process used in the development of the design criteria and the various alternatives considered to meet the project objectives. Selected studies, sketches, cost estimates, schedules, and other relevant information shall be presented to support the design solutions proposed. Special considerations shall also be addressed such as: Contractor site access limitations, utility shutdowns and switchover coordination, phased construction and schedule requirements, security restrictions, available swing space, material and equipment delivery dates, etc.

It shall also be the responsibility of the Consultant to arrange and require all critical Sub-Consultants to be in attendance at the design review meetings.

Record the minutes of each design meeting and distribute within three (3) calendar days to all attendees and those persons specified to be on the distribution list by the Project Manager.

2. Design Presentations:

The minimum number of design presentations required for each phase of this project is identified below for reference:

Investigation Phase: One (1) oral presentation at phase completion.

One (1) working meeting halfway through phase.

One (1) oral presentation at phase completion.

Design Development Phase: One (1) oral presentation at phase completion.

One (1) working meeting halfway through phase.

One (1) oral presentation at phase completion.

Final Design Phase: One (1) oral presentation at phase completion.

One (1) working meeting halfway through phase.

One (1) oral presentation at phase completion.

E. EXISTING DOCUMENTATION

Copies of the following documents will be provided to each Consulting firm at the pre-proposal meeting to assist in the bidding process.

- DEP Permit Information
- DBC Project No. M0699-00: Replacement of Wastewater Treatment Plant, February 1992, Post, Buckley, Schuh & Jernigan, Inc.
- Site Utility Maps
- Report: Geotechnical Investigation: Proposed Natural Gas Pipe Installation, 11 April 2011, McClymont & Rak Geotechnical Engineers LLC

Review these documents and any additional information that may be provided at a later date such as reports, studies, surveys, equipment manuals, as-built drawings, etc. The State does not attest to the accuracy of the information provided and accepts no responsibility for the consequences of errors by the use of any information and material contained in the documentation provided. It shall be the responsibility of the Consultant to verify the contents and assume full responsibility for any determination or conclusion drawn from the material used. If the information provided is insufficient, the Consultant shall take the appropriate actions necessary to obtain the additional information required.

All original documentation shall be returned to the provider at the completion of the project.

VIII. PERMITS & APPROVALS

A. NJ UNIFORM CONSTRUCTION CODE PLAN REVIEW AND PERMIT

The project construction documents must comply with the latest adopted edition of the NJ Uniform Construction Code (NJUCC).

The latest NJUCC Adopted Codes and Standards can be found at:

http://www.state.nj.us/dca/divisions/codes/codreg/

1. NJ Uniform Construction Code (NJUCC) Plan Review

Consultant shall estimate the cost of the NJUCC Plan Review by DCA and include that amount in their fee proposal line item entitled **"Plan Review and Permit Fee Allowance"**, refer to paragraph X.A.

Upon approval of the Final Design Phase Submission by DPMC, the Consultant shall submit the construction documents to the Department of Community Affairs (DCA), Bureau of Construction Project Review to secure a complete plan release.

As of July 25, 2022, the Department of Community Affairs (DCA) is only accepting digital signatures and seals issued from a third party certificate authority. The DCA ePlans site can be found at:

https://www.nj.gov/dca/divisions/codes/offices/ePlans.html

Procedures for submission to the DCA Plan Review Unit can be found at:

https://www.state.nj.us/dca/divisions/codes/forms/pdf_bcpr/pr_app_guide.pdf

Consultant shall complete the "Project Review Application" and include the following on Block 5 as the "Owner's Designated Agent Name":

Trevor M. Dittmar, DPMC
PO Box 235
Trenton, NJ 08625-0235
Trevor.Dittmar@treas.nj.gov 609-984-5529

The Consultant shall complete the NJUCC "Plan Review Fee Schedule", determine the fee due and pay the NJUCC Plan Review fees, refer to Paragraph X.A.

The NJUCC "Plan Review Fee Schedule" can be found at:

http://www.state.nj.us/dca/divisions/codes/forms/pdf_bcpr/pr_fees.pdf

2. NJ Uniform Construction Code Permit

Upon receipt of a complete plan release from the DCA Bureau of Construction Project Review, the Consultant shall complete the NJUCC permit application and all applicable technical sub-code sections. The "Agent Section" of the application and certification section of the building sub-code section shall be signed. These documents, with **six (6) sets of DCA approved, signed and sealed construction documents** shall be forwarded to the DPMC Project Manager.

The Consultant may obtain copies of all NJUCC permit applications at the following website:

https://www.nj.gov/dca/divisions/codes/resources/constructionpermitforms.html

All other required project permits shall be obtained and paid for by the Consultant in accordance with the procedures described in Paragraph VIII.B.

3. Prior Approval Certification Letters:

The issuance of a construction permit for this project may be contingent upon acquiring various "prior approvals" as defined by N.J.A.C. 5:23-1.4. It is the Consultant's responsibility to determine which prior approvals, if any, are required. The Consultant shall submit a general certification letter to the DPMC Plan & Code Review Unit Manager during the Permit Phase of this project that certifies all required prior approvals have been obtained.

In addition to the general certification letter discussed above, the following specific prior approval certification letters, where applicable, shall be submitted by the Consultant to the DPMC Plan & Code Review Unit Manager: Soil Erosion & Sediment Control, Water & Sewer Treatment Works Approval, Coastal Areas Facilities Review, Compliance of Underground Storage Tank Systems with N.J.A.C. 7:14B, Pinelands Commission, Highlands Council, Well Construction and Maintenance; Sealing of Abandoned Wells with N.J.A.C. 7:9D, Certification that all utilities have been disconnected from structures to be demolished, Board of Health Approval for Potable Water Wells, Health Department Approval for Septic Systems. It shall be noted that in accordance with N.J.A.C. 5:23-2.15(a)5, a permit cannot be issued until the letter(s) of certification is received.

4. Multi-building or Multi-site Permits:

A project that involves many buildings and/or sites requires that a separate permit shall be issued for each building or site. The Consultant must determine the construction cost estimate for *each* building and/or site location and submit that amount where indicated on the permit application.

5. Special Inspections:

In accordance with the requirements of the New Jersey Uniform Construction Code N.J.A.C. 5:23-2.20(b), Bulletin 03-5 and Chapter 17 of the International Building Code, the Consultant shall be responsible for the coordination of all special inspections during the construction phase of the project.

Bulletin 03-5 can be found at:

https://www.nj.gov/dca/codes/publications/pdf_bulletins/b_03_5.pdf

a. Definition:

Special inspections are defined as an independent verification by a certified special inspector for **Class I buildings and smoke control systems in any class building**. The special inspector is to be independent from the Contractor and responsible to the Consultant so that there is no possible conflict of interest.

Special inspectors shall be certified in accordance with the requirements in the New Jersey Uniform Construction Code.

b. Responsibilities:

The Consultant shall submit with the permit application, a list of special inspections and the agencies or special inspectors that will be responsible to carry out the inspections required for the project. The list shall be a separate document, on letter head, signed and sealed.

B. OTHER REGULATORY AGENCY PERMITS, CERTIFICATES AND APPROVALS

The Consultant shall identify and obtain all other State Regulatory Agency permits, certificates, and approvals that will govern and affect the work described in this Scope of Work. An itemized list of these permits, certificates, and approvals shall be included with the Consultant's Technical Proposal and the total amount of the application fees should be entered in the Fee Proposal line item entitled, **"Permit Fee Allowance."**

The Consultant may refer to the Division of Property Management and Construction "Procedures for Architects and Engineers Manual", Paragraph "**9. REGULATORY AGENCY APPROVALS"** which presents a compendium of State permits, certificates, and approvals that may be required for this project.

The Consultant shall determine the appropriate phase of the project to submit the permit application(s) in order to meet the approved project milestone dates.

Where reference to an established industry standard is made, it shall be understood to mean the most recent edition of the standard unless otherwise noted. If an industry standard is found to be revoked, or should the standard have undergone substantial change or revision from the time that the Scope of Work was developed, the Consultant shall comply with the most recent edition of the standard.

IX. ENERGY REBATE AND INCENTIVE PROGRAMS

The Consultant shall review any and all programs on the State and Federal level to determine if any proposed upgrades to the mechanical and/or electrical equipment and systems for this project qualify for approved rebates and incentives.

The Consultant shall review the programs available on the "New Jersey's Clean Energy Program" website at: http://www.njcleanenergy.com as well as federal websites and New Jersey electric and gas utility websites to determine if and how they can be applied to this project.

The Consultant shall identify all applicable rebates and incentives in their technical proposal and throughout the design phase.

The Consultant shall be responsible to complete the appropriate registration forms and applications, provide any applicable worksheets, manufacturer's specification sheets, calculations, attend meetings, and participate in all activities with designated representatives of the programs and utility companies to obtain the entitled financial incentives and rebates for this project.

All costs associated with this work shall be estimated by the Consultant and the amount included in the base bid of its fee proposal.

X. ALLOWANCES

A. PLAN REVIEW AND PERMIT FEE ALLOWANCE

The Consultant shall obtain and pay for all of the project permits in accordance with the guidelines identified below.

1. Permits:

The Consultant shall determine the various permits, certificates, and approvals required to complete this project.

2. Permit Costs:

The Consultant shall estimate the application fee costs for all of the required project permits, certificates, and approvals (excluding the NJ Uniform Construction Code permit) and include that amount in its fee proposal line item entitled **"Plan Review and Permit Fee Allowance"**. A breakdown of each permit and application fee shall be attached to the fee proposal for reference.

NOTE: The NJ Uniform Construction Code permit and DCA Plan Review are excluded since they will be paid for by the State. Other permits, such as DEP permits or soil conservation permits, shall be included in the allowance.

3. Applications:

The Consultant shall complete and submit all permit applications to the appropriate permitting authorities and the costs shall be paid from the Consultant's permit fee allowance. A copy of the application(s) and the original permit(s) obtained by the Consultant shall be given to the DPMC Project Manager for distribution during construction.

4. Consultant Fee:

The Consultant shall determine what is required to complete and submit the permit applications, obtain supporting documentation, attend meetings, etc., and include the total cost in the base bid of its fee proposal under the "Permit Phase" column.

Any funds remaining in the permit allowance will be returned to the State at the close of the project.

XI. SOW SIGNATURE APPROVAL SHEET

This Scope of Work shall not be considered a valid document unless all signatures appear in each designated area below.

The client agency approval signature on this page indicates that they have reviewed the design criteria and construction schedule described in this project Scope of Work (including the subsequent contract deliverables and exhibits) and verifies that the work will not conflict with the existing or future construction activities of other projects at the site.

SOW APPROVED BY: James Wright 5/21/2025

JAMES WRIGHT, MANAGER DATE
DPMC PROJECT PLANNING & INITIATION

SOW APPROVED BY: 5/21/25

CHRISTIAN CASTEEL, DIRECTOR DATE
DEPARTMENT OF HUMAN SERVICES

SOW APPROVED BY: Darren J Comegys 5/22/25

DARREN COMEGYS, PROJECT MANAGER DATE
DPMC PROJECT MANAGEMENT GROUP

SOW APPROVED BY: Jeanette M Barnard 7.17.25

JEANETTE BARNARD, DEPUTY DIRECTOR DATE
DW PROPERTY MGT & CONSTRUCTION

XII. CONTRACT DELIVERABLES

The following are checklists listing the Contract Deliverables that are required at the completion of each phase of this project. The Consultant shall refer to the DPMC publication entitled "Procedures for Architects and Engineers," 3.0 Edition, dated September 2022 available at https://www.nj.gov/treasury/dpmc/Assets/Files/ProceduresforArchitectsandEngineers.pdf for a detailed description of the deliverables required for each submission item listed. References to the applicable paragraphs of the "Procedures for Architects and Engineers" are provided.

Note that the Deliverables Checklist may include submission items that are "S.O.W. Specific Requirements". These requirements will be defined in the project specific scope of work and included on the deliverables checklist.

This project includes the following phases with the deliverables noted as "Required by S.O.W" on the Deliverables Checklist:

- **INVESTIGATION PHASE**
- **DESIGN DEVELOPMENT PHASE**
- **FINAL DESIGN PHASE**
- **PERMIT APPLICATION PHASE**
- **BIDDING AND CONTRACT AWARD**
- **CONSTRUCTION PHASE**
- **PROJECT CLOSE-OUT PHASE**

XIII. EXHIBITS

A. SAMPLE PROJECT SCHEDULE FORMAT
B. PROJECT SITE LOCATION MAP (2 PAGES)
C. RVE REPORT NLDC TREATMENT PLANT EVALUATION
D. ADMINISTRATIVE CONSENT ORDER
E. CONTRACTOR RULES

END OF SCOPE OF WORK

DPMC Project No.: M1604-00

Deliverables Checklist
Investigation Phase

A/E Name: _____

A/E Manual Reference	Submission Item	Required by S.O.W.		Previously Submitted		Enclosed	
		Yes	No	Yes	No	Yes	No
12.3.1.	A/E Statement of Site Visit						
12.3.2.	Narrative Description of Project						
12.3.3.	Building Code Information Questionnaire						
12.3.4.	Space Analysis						
12.3.5.	Special Features						
12.3.6.	Catalog Cuts						
12.3.7.	Site Evaluation						
12.3.8.	Subsurface Investigation						
12.3.9.	Surveys						
12.3.10.	Fine Arts Inclusion						
12.3.11.	Design Rendering						
12.3.12.	Regulatory Approvals						
12.3.13.	Utility Availability						
12.3.14.	Diagrammatic Sketches/Drawings (6 Sets)						
12.3.15.	Outline Specifications (6 Sets)						
12.3.16.	Current Working Estimate/Cost Analysis						
12.3.17.	Project Schedule						
12.3.18.	Formal Presentation						
12.3.19.	Scope of Work Compliance Statement						
12.3.20.	Investigation Phase Deliverables Checklist						
S.O.W. Reference	**S.O.W. Specific Requirements**						

This checklist shall be completed by the Design Consultant and included as the cover sheet of this submission to document to the DPMC the status of all the deliverables required by the project specific Scope of Work.

_____ _____

Consultant Signature Date

DPMC Project No.: M1604-00

Deliverables Checklist
Design Development Phase

A/E Name: _____

A/E Manual Reference	Submission Item	Required by S.O.W.		Previously Submitted		Enclosed	
		Yes	No	Yes	No	Yes	No
14.4.1.	A/E Statement of Site Visit						
14.4.2.	Narrative Description of Project						
14.4.3.	Building Code Information Questionnaire						
14.4.4.	Space Analysis						
14.4.5.	Special Features						
14.4.6.	Catalog Cuts						
14.4.7.	Site Evaluation						
14.4.8.	Subsurface Investigation						
14.4.9.	Surveys						
14.4.10.	Arts Inclusion						
14.4.11.	Design Rendering						
14.4.12.	Regulatory Approvals						
14.4.13.	Utility Availability						
14.4.14.	Drawings (6 Sets)						
14.4.15.	Outline Specifications (6 Sets)						
14.4.16.	Current Working Estimate/Cost Analysis						
14.4.17.	Project Schedule						
14.4.18.	Formal Presentation						
14.4.19.	Plan Review/Scope of Work Compliance Statement						
14.4.20.	Design development Phase Deliverables Checklist						
S.O.W. Reference	**S.O.W. Specific Requirements**						

This checklist shall be completed by the Design Consultant and included as the cover sheet of this submission to document to the DPMC the status of all the deliverables required by the project specific Scope of Work.

_____ _____

Consultant Signature Date

DPMC Project No.: M1604-00

Deliverables Checklist
Final Design Phase

A/E Name: _____

A/E Manual Reference	Submission Item	Required by S.O.W.		Previously Submitted		Enclosed	
		Yes	No	Yes	No	Yes	No
15.4.1.	A/E Statement of Site Visit						
15.4.2.	Narrative Description of Project						
15.4.3.	Building Code Information Questionnaire						
15.4.4.	Space Analysis						
15.4.5.	Special Features						
15.4.6.	Catalog Cuts						
15.4.7.	Site Evaluation						
15.4.8.	Subsurface Investigation						
15.4.9.	Surveys						
15.4.10.	Arts Inclusion						
15.4.11.	Design Rendering						
15.4.12.	Regulatory Approvals						
15.4.13.	Utility Availability						
15.4.14.	Drawings (6 Sets)						
15.4.15.	Outline Specifications (6 Sets)						
15.4.16.	Current Working Estimate/Cost Analysis						
15.4.17.	Project Schedule						
15.4.18.	Formal Presentation						
15.4.19.	Plan Review/Scope of Work Compliance Statement						
15.4.20.	Final Design Phase Deliverables Checklist						
S.O.W. Reference	**S.O.W. Specific Requirements**						

This checklist shall be completed by the Design Consultant and included as the cover sheet of this submission to document to the DPMC the status of all the deliverables required by the project specific Scope of Work.

_____ _____

Consultant Signature Date

DPMC Project No.: M1604-00

Deliverables Checklist
Permit Application Phase

A/E Name: _____

A/E Manual Reference	Submission Item	Required by S.O.W.		Previously Submitted		Enclosed	
		Yes	No	Yes	No	Yes	No
16.1.	N.J. UCC Permit Application						
16.4.	Drawings, Signed and Sealed (6 Sets)						
16.5.	Specifications, Signed and Sealed (6 Sets)						
16.6.	Current Working Estimate/Cost Analysis						
16.7.	Project Schedule						
16.8.	Plan Review/Scope of Work Compliance Statement						
16.9.	Permit Application Phase Deliverables Checklist						
S.O.W. Reference	**S.O.W. Specific Requirements**						

This checklist shall be completed by the Design Consultant and included as the cover sheet of this submission to document to the DPMC Project Manager the status of all the deliverables required by the project specific Scope of Work.

_____ _____

Consultant Signature Date

DPMC Project No.: M1604-00

Deliverables Checklist
Bidding and Contract Award Phase

A/E Name: _____

A/E Manual Reference	Submission Item	Required by S.O.W.		Previously Submitted		Enclosed	
		Yes	No	Yes	No	Yes	No
17.1.1.	Notice of Advertising						
17.1.2.	Bid Proposal Form						
17.1.3.	Bid Clearance Form						
17.1.4.	Drawings (6 Sets)						
17.1.5.	Specifications (6 Sets)						
17.1.6.	Construction Schedule						
17.3	Pre-Bid Conference/Mandatory Site Visit						
17.3.1.	Meeting Minutes						
17.4	Bulletins						
17.5	Post Bid Meeting						
17.6.	Contract Award "Letter of Recommendation"						
17.8.	Bid Protests - Hearings						
17.9.	Bidding and Contract Award Phase Deliverables Checklist						
S.O.W. Reference	**S.O.W. Specific Requirements**						

This checklist shall be completed by the Design Consultant and included as the cover sheet of this submission to document to the DPMC the status of all the deliverables required by the project specific Scope of Work.

_____ _____

Consultant Signature Date

DPMC Project No.: M1604-00

Deliverables Checklist
Construction Phase

A/E Name: _____

A/E Manual Reference	Submission Item	Required by S.O.W.		Previously Submitted		Enclosed	
		Yes	No	Yes	No	Yes	No
18.2.	Pre-Construction Meeting						
18.3.	Submittal Log						
18.4.	Construction Schedule						
18.5.	Project Progress Meetings						
18.7.	Contractor's Invoicing and Payment Process						
18.8.	Contractor Submittals						
18.10.	Testing						
18.11.	Shop Drawings (6 Sets)						
18.12.	As-Built & Record Set Drawings (6 Sets)						
18.13.	Change Orders						
18.14.	Construction Photographs						
18.15.	Field Observations						
18.17.	Construction Phase Deliverables Checklist						
S.O.W. Reference	**S.O.W. Specific Requirements**						

This checklist shall be completed by the Design Consultant and included as the cover sheet of this submission to document to the DPMC the status of all the deliverables required by the project specific Scope of Work.

_____ _____

Consultant Signature Date

DPMC Project No.: M1604-00

Deliverables Checklist
Project Close-Out Phase

A/E Name: _____

A/E Manual Reference	Submission Item	Required by S.O.W.		Previously Submitted		Enclosed	
		Yes	No	Yes	No	Yes	No
19.3.	Development of Punch List and Inspection Reports						
19.5.	Determination of Substantial Completion						
19.6.	Correction/Completion of Punch List						
19.7.	Submission of Close-Out Documentation						
19.7.1.	As-Built and Record Sets of Drawing (6 Sets)						
19.8.	Final Payment						
19.9.1.	Contractors Final Payment						
19.9.2.	A/E's Final Payment						
19.10.	Project Close-Out Phase Deliverables Checklist						
S.O.W. Reference	**S.O.W. Specific Requirements**						

This checklist shall be completed by the Design Consultant and included as the cover sheet of this submission to document to the DPMC the status of all the deliverables required by the project specific Scope of Work.

_____ _____

Consultant Signature Date

February 7, 1997
Rev.: January 29, 2002

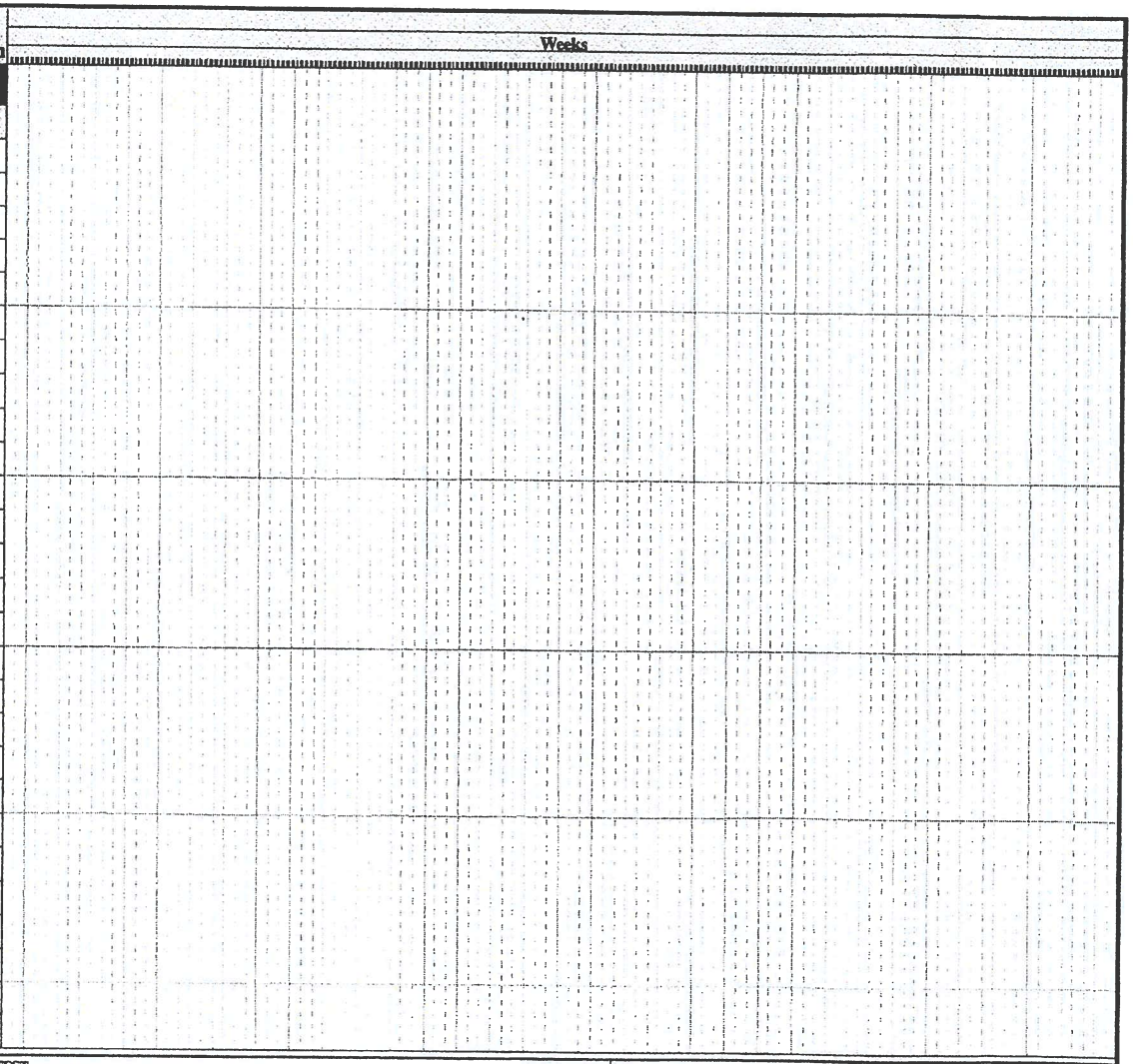
Responsible Group Code Table

The codes below are used in the schedule field "GRP" that identifies the group responsible for the activity. The table consists of groups in the Division of Property Management & Construction (DPMC), as well as groups outside of the DPMC that have responsibility for specific activities on a project that could delay the project if not completed in the time specified. For reporting purposes, the groups within the DPMC have been defined to the supervisory level of management (i.e., third level of management, the level below the Associate Director) to identify the "functional group" responsible for the activity.

CODE	DESCRIPTION	REPORTS TO ASSOCIATE DIRECTOR OF:
CM	Contract Management Group	Contract Management
CA	Client Agency	N/A
CSP	Consultant Selection and Prequalification Group	Technical Services
A/E	Architect/Engineer	N/A
PR	Plan Review Group	Technical Services
CP	Construction Procurement	Planning & Administration
CON	Construction Contractor	N/A
FM	Financial Management Group	Planning & Administration
OEU	Office of Energy and Utility Management	N/A
PD	Project Development Group	Planning & Administration

EXHIBIT 'A'

Activity ID	Description	Rspn
<PROJ>		
Design		
CV3001	Schedule/Conduct Predesign/Project Kick-Off Mtg.	CM
CV3020	Prepare Program Phase Submittal	AE
CV3021	Distribute Program Submittal for Review	CM
CV3027	Prepare & Submit Project Cost Analysis (DPMC-38)	CM
CV3022	Review & Approve Program Submittal	CA
CV3023	Review & Approve Program Submittal	PR
CV3024	Review & Approve Program Submittal	CM
CV3025	Consolidate & Return Program Submittal Comments	CM
CV3030	Prepare Schematic Phase Submittal	AE
CV3031	Distribute Schematic Submittal for Review	CM
CV3037	Prepare & Submit Project Cost Analysis (DPMC-38)	CM
CV3032	Review & Approve Schematic Submittal	CA
CV3033	Review & Approve Schematic Submittal	PR
CV3034	Review & Approve Schematic Submittal	CM
CV3035	Consolidate & Return Schematic Submittal Comment	CM
CV3040	Prepare Design Development Phase Submittal	AE
CV3041	Distribute D. D. Submittal for Review	CM
CV3047	Prepare & Submit Project Cost Analysis (DPMC-38)	CM
CV3042	Review & Approve Design Development Submittal	CA
CV3043	Review & Approve Design Development Submittal	PR
CV3044	Review & Approve Design Development Submittal	CM
CV3045	Consolidate & Return D.D. Submittal Comments	CM
CV3050	Prepare Final Design Phase Submittal	AE
CV3051	Distribute Final Design Submittal for Review	CM
CV3052	Review & Approve Final Design Submittal	CA
CV3053	Review & Approve Final Design Submittal	PR
CV3054	Review Final Design Submitl for Constructability	OCS



NOTE:
Refer to section "IV Project Schedule" of the Scope of Work for contract phase durations.

DBCA - TEST

Sheet 1 of 3

Bureau of Design & Construction Services

EXHIBIT 'A'

Activity ID	Description	Rspn	Weeks
CV3055	Review & Approve Final Design Submittal	CM	
CV3056	Consolidate & Return Final Design Comments	CM	
CV3060	Prepare & Submit Permit Application Documents	AE	
CV3068	Prepare & Submit Bidding Cost Analysis (DPMC-38)	CM	
Plan Review-Permit Acquisition			
CV4001	Review Constr. Documents & Secure UCC Permit	PR	
CV4010	Provide Funding for Construction Contracts	CA	
CV4020	Secure Bid Clearance	CM	
Advertise-Bid-Award			
CV5001	Advertise Project & Bid Construction Contracts	CP	
CV5010	Open Construction Bids	CP	
CV5011	Evaluate Bids & Prep. Recommendation for Award	CM	
CV5012	Evaluate Bids & Prep. Recommendation for Award	AE	
CV5014	Complete Recommendation for Award	CP	
CV5020	Award Construction Contracts/Issue NTP	CP	
Construction			
CV6000	Project Construction Start/Issue NTP	CM	
CV6001	Contract Start/Contract Work (25%) Complete	CON	
CV6002	Preconstruction Meeting	CM	
CV6003	Begin Preconstruction Submittals	CON	
CV6004	Longest Lead Procurement Item Ordered	CON	
CV6005	Lead Time for Longest Lead Procurement Item	CON	
CV6006	Prepare & Submit Shop Drawings	CON	
CV6007	Complete Construction Submittals	CON	
CV6011	Roughing Work Start	CON	
CV6012	Perform Roughing Work	CON	
CV6010	Contract Work (50%+) Complete	CON	
CV6013	Longest Lead Procurement Item Delivered	CON	
CV6020	Contract Work (75%) Complete	CON	

NOTE:
Refer to section "IV Project Schedule" of the Scope of Work for contract phase durations.

DBCA - TEST

Sheet 2 of 3

Bureau of Design & Construction Services

EXHIBIT 'A'

Activity ID	Description	Rspn	Weeks
CV6014	Roughing Work Complete	CON	
CV6021	Interior Finishes Start	CON	
CV6022	Install Interior Finishes	CON	
CV6030	Contract Work to Substantial Completion	CON	
CV6031	Substantial Completion Declared	CM	
CV6075	Complete Deferred Punch List/Seasonal Activities	CON	
CV6079	Project Construction Complete	CM	
CV6080	Close Out Construction Contracts	CM	
CV6089	Construction Contracts Complete	CM	
CV6090	Close Out A/E Contract	CM	
CV6092	Project Completion Declared	CM	

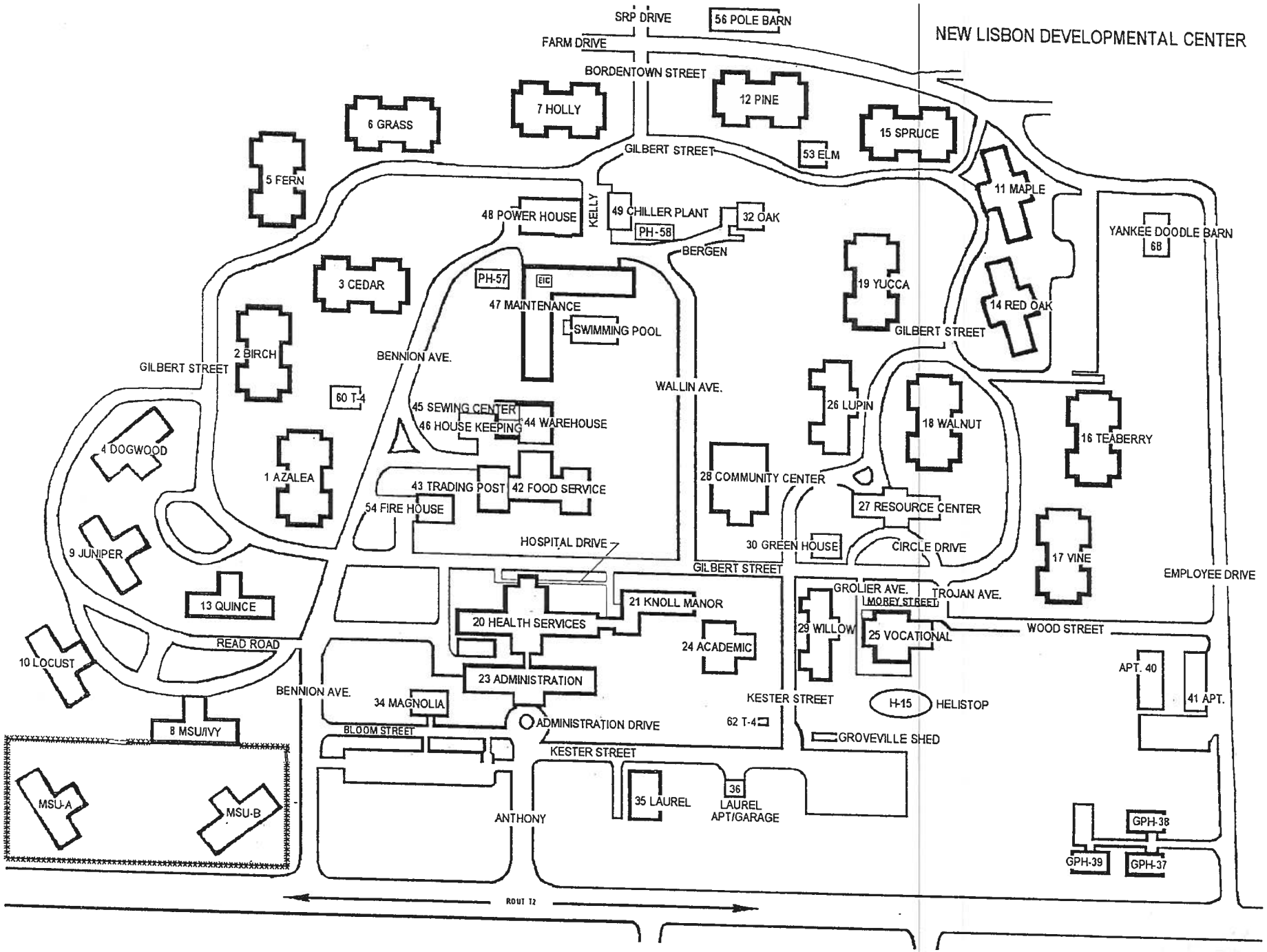
NOTE:
Refer to section "IV Project Schedule" of the Scope of Work for contract phase durations.

DBCA - TEST

Sheet 3 of 3

Bureau of Design & Construction Services

EXHIBIT 'A'



DIRECTIONS: Proceed to Route 206 South. Follow Route 206 South to Route 70 East. Follow Route 70 East to Route 72. Proceed on Route 72 for approximately one mile to Center.

EXHIBIT 'B'

Project Site Location Map

EXHIBIT ‘B’

REMINGTON & VERNICK ENGINEERS

RVE HQ:
232 Kings Highway East
Haddonfield, NJ 08033
O: (856) 795-9595
F: (856) 795-1882

Date: November 14, 2018

To: Christian Casteel
New Jersey Department of Human Services
Office of Property Management & Construction
Capital Place One
222 South Warren Street
P.O. Box 700
Trenton, NJ 08625-0700

RE: Department of Human Services
New Lisbon Developmental Center
NLDC Treatment Plant Evaluation
RVE File No: 220X398

Remington and Vernick Engineers (RVE) was contracted by the Department of Human Services (DHS) to evaluate and provide a report on the current condition of the Wastewater Treatment Plant (WWTP) located at the New Lisbon Developmental Center (NLDC). DHS owns and operates the WWTP located at 104 Route 72, Block 601, Lots 1-6, Woodland Township, Burlington County, New Jersey. Current processes at the 0.2 MGD WWTP include an oxidation ditch with an intra-channel clarifier, denitrification filter, secondary clarification, tertiary chemical treatment (rapid mix, flocculation, sedimentation), UV disinfection, phragmite beds, storage lagoon and spray irrigation system.

Specifically, RVE was contracted by DHS to assess the current condition of the WWTP vis-à-vis an Administrative Consent Order (ACO) issued to the NLDC by the New Jersey Department of Environmental Protection (NJDEP). The ACO, executed on November 20, 2013, established a Compliance Schedule for the DHS to implement changes necessary to achieve and maintain compliance with NLDC's New Jersey Pollutant Discharge Elimination System (NJPDES) Permit No. NJ0070955. The schedule identified and requested DHS to take actions as necessary to achieve and maintain compliance with the NJPDES Permit including but not limited to the following:

- Perform a comprehensive assessment of all units of the wastewater treatment plant to determine if they are functioning in the manner in which they were designed and approved;
- Perform a comprehensive assessment of the surface impoundment and the spray irrigation system, including the spray heads; and
- Perform a comprehensive assessment of the reed beds.

A Refurbishment Work Plan (Plan) was prepared by NLDC staff for the items that needed repairs and/or replacement. Repairs/replacement of some of the items on the Plan have been performed by NLDC staff and/or by former vendors contracted to operate the plant.

EXHIBIT 'C'

RVE visited the site on March 29th, 2018 and met with NLDC and DHS staff to assess plant performance and get an updated report regarding the current condition of the plant. Based on our discussions with DEP and the plant personnel, the plant is currently meeting all effluent limitations and conditions of the NJPDES Permit.

Additionally, the following items have been repaired and/or replaced following the ACO and establishment of the Refurbishment Work Plan:

- The sludge return pumps (NL-P831 and NL-P832) along with the circuit breakers and float switches have been repaired or replaced.
- The main lift station Comminutor (NL-COMM201) and Comminutor Chamber Bar Screen (NL-BAR203) were replaced.
- All the spray heads listed on the Refurbishment Work Plan have either been replaced or repaired.
- The sludge return MCC (NL-MCC830) and float switches associated with the Sludge pump station have been repaired and/or replaced.
- Issues with all the spray field control valves have been addressed.
- Maintenance on the reed beds has started. Reed cutting on Beds #2, 5, and 6 is complete. Other cells to follow soon. See meeting notes attached as reference for more information.

Additionally, RVE visited the site on July 31, 2018 to meet with the plant operator and further assess system performance. The observations from the site visit for the treatment processes are listed below:

Bar Screens: The bar screens were visually inspected and seemed to be functional. Per the operator, the grinder pump prior to the bar screens was not functional and needs replacement.

Intrachannel Clarifier: The channel was inspected. Equipment upgrades to the channel were performed recently and the channel seemed to be functioning as designed. Recent upgrades include replacement of the waste pit controls and pumps. The aerators were visually inspected and were functional.

Denitrifying Sand Filters: The facility has four (4) denitrifying sand filters that operate in parallel and are housed in a building. The filters are used to reduce nitrates to nitrogen gas and remove solids by capturing them in the sand media. Methanol is used as a carbon source to assist in the denitrification process. Visual inspection of the building and process equipment identified several issues that need to be addressed. The building shows its age and needs repairs along with regular upkeep and maintenance. The process equipment is currently operated in manual mode as the automated controls are not functional. The backwash mode is also operated in manual mode. One of the two (2) pumps transferring treated wastewater to the next treatment process is not functioning and needs to be replaced. The filter media in the filter beds needs replacement.

EXHIBIT 'C'

Additional repairs will be needed to replace worn pipes and seals. The air scour system for the backwash process may need to be replaced. SCADA upgrades to automate the entire process are required. The upgrades would require replacing outdated and/or malfunctioning hardware and controls and updates to the automation process.

Secondary Clarifier: Per site personnel, the secondary clarifier is currently being operated as a gravity settler. Chemical aids to enhance precipitation were not being added at the clarifiers during the site visit. Per site personnel, the facility stopped adding chemicals to assist in precipitation as doing so pushed sediments into the tertiary treatment. Based on visual inspection and correspondence with site personnel, the mechanical equipment on the secondary clarifier is damaged and needs replacement. This includes both the pumps, and the rake and gear assembly.

Tertiary Treatment: The tertiary treatment consists of a rapid mix chamber designed to dose and mix alum at a rapid rate to aid flocculation followed by a settling chamber where the sediments settle out of the water. During the site visit, the tertiary treatment process was not operational and is no longer being used as part of the treatment process. Per site personnel the hydraulic system in the alum tank needs repair. Repairs include replacement of all hoses. The flocculation system needs to be replaced as well.

UV Disinfection: The facility has two (2) UV channels with sixteen (16) bulbs each. Per site personnel, 24 out of the 32 bulbs are not working and need to be replaced. The bulb sockets need to be inspected along with the channel and defective sockets need to be replaced as needed.

Phragmite Beds: The facility has a total of twelve (12) reed beds that are used to treat and dispose the sludge produced at the facility. The reed beds were in operation during the site visit. Data on sludge flows to the reed beds was not available however, the beds seemed to be functioning as intended. The facility is currently working with DEP personnel to establish a schedule to evaluate and clean the reed beds.

Storage Lagoon: The treated wastewater is stored in a lined storage lagoon prior to being applied in the irrigation field. The lagoon was functional during the site visit. Minor tears were observed in the liner that would require repairs.

Spray Heads: All spray heads have been replaced and the system is operating. Automatic operation does not work and the system is being operated by hand. The control system needs to be replaced for the system to work in auto mode.

EXHIBIT 'C'

An opinion of probable cost estimate to perform the repairs to the facility is provided in the table below:

Item	Cost
Waste Water Grinder Pump	$10,000.00
Denitrification Building Upgrades	$35,000.00
Denitrification Building Pump Replacement	$30,000.00
Denitrification Controls and SCADA	$60,000.00
Filter Media, Air Scour Equipment	$50,000.00
Secondary Clarification Upgrades/Repairs	$60,000.00
Tertiary Treatment Upgrades	$75,000.00
UV Disinfection Upgrades	$125,000.00
Storage Lagoon Liner Repair	$30,000.00
Spray Head System Automation	$40,000.00
Subtotal	***$515,000.00***
Mechanical / Miscellaneous Appurtenances (10%)	$51,500.00
Instrumentation (15%)	$77,250.00
Electrical (15%)	$77,250.00
Subtotal	***$721,000.00***
Phragmite Beds Cleaning	$100,000.00
Subtotal	***$821,000.00***
Contractor Overhead & Profit (25%)	$205,250.00
Contingency (20%)	$164,200.00
Engineering, Inspection & DPMC Soft Costs (25%)	$205,250.00
Total Opinion of Probable Cost	**$1,395,700.00**

The opinion of cost provided above includes costs to upgrade, repair, or replace existing unit processes at the NLDC WWTP and get the facility to operate as permitted. A copy of the Refurbishment Work Plan is attached for your reference. The repairs performed to date and pending issues have been identified on the Plan.

Please contact me at (856) 795-9595 Ext. 1068 or by email at richard.czekanski@rve.com if you have any questions.

Sincerely,

Richard B. Czekanski

REMINGTON & VERNICK ENGINEERS
Richard B. Czekanski, P.E., BCEE, CME
Senior Associate

Cc: Ted Wardencki, CMS II, New Jersey Department of Human Services (w/encl)
Scott Gallagher, CMS III, New Jersey Department of Human Services (w/encl)

T:\Water\Facilities06on\NJ State Agency\DHS\New Lisbon\NLDC Treatment Plant Evaluation.docx

EXHIBIT 'C'

New Lisbon Developmental Center Treatment Plant Refurbishment Work Plan

Status Closed
Project Step 001 Evaluation

Scheduled Start Date	Scheduled Finish Date	Completion Date	Task No.	Description	Equipment No.	Equipment Description	Text	WO No.
5/1/2012	5/25/2012	6/20/2012	SYS-EVAL	SYSTEM EVALUATION - Denitrification Filter	NL-AD301	Denitrification Compressor Air Drier	Not evaluated at this time.	1750013
5/1/2012	5/25/2012	6/20/2012	SYS-EVAL	SYSTEM EVALUATION - Denitrification Filter	NL-B301	Denitrification Filter Blower #1	Operates in "hand"	1750013
5/1/2012	5/25/2012	6/20/2012	SYS-EVAL	SYSTEM EVALUATION - Denitrification Filter	NL-B302	Denitrification Filter Blower #2	Does not operate.	1750013
5/1/2012	5/25/2012	6/20/2012	SYS-EVAL	SYSTEM EVALUATION - Denitrification Filter	NL-COMP301	Denitrification Compressor #1	Operates and cycles on/off between hi and low settings.	1750013
5/1/2012	5/25/2012	6/20/2012	SYS-EVAL	SYSTEM EVALUATION - Denitrification Filter	NL-COMP302	Denitrification Compressor #2	Operates briefly then motor trips out.	1750013
5/1/2012	5/25/2012	6/20/2012	SYS-EVAL	SYSTEM EVALUATION - Denitrification Filter	NL-FCVA311	Denitrification Influent Valve #1A Actuator	Actuator as found doesn't have enough torque to operate valve reliably or at all. The problem could be in the valve	1750013
5/1/2012	5/25/2012	6/20/2012	SYS-EVAL	SYSTEM EVALUATION - Denitrification Filter	NL-FCVA312	Denitrification Influent Valve #2A Actuator	Actuator as found doesn't have enough torque to operate valve reliably or at all. The problem could be in the valve	1750013
5/1/2012	5/25/2012	6/20/2012	SYS-EVAL	SYSTEM EVALUATION - Denitrification Filter	NL-FCVA313	Denitrification Influent Valve #3A Actuator	Actuator as found doesn't have enough torque to operate valve reliably or at all. The problem could be in the valve	1750013
5/1/2012	5/25/2012	6/20/2012	SYS-EVAL	SYSTEM EVALUATION - Denitrification Filter	NL-FCVA314	Denitrification Influent Valve #4A Actuator	Actuator as found doesn't have enough torque to operate valve reliably or at all. The problem could be in the valve	1750013
5/1/2012	5/25/2012	6/20/2012	SYS-EVAL	SYSTEM EVALUATION - Denitrification Filter	NL-FCVA321	Denitrification Effluent Valve #1 Actuator	Actuator as found doesn't have enough torque to operate valve at all. The problem could be in the valve itself.	1750013
5/1/2012	5/25/2012	6/20/2012	SYS-EVAL	SYSTEM EVALUATION - Denitrification Filter	NL-FCVA322	Denitrification Effluent Valve #2 Actuator	Actuator as found doesn't have enough torque to operate valve at all. The problem could be in the valve itself.	1750013
5/1/2012	5/25/2012	6/20/2012	SYS-EVAL	SYSTEM EVALUATION - Denitrification Filter	NL-FCVA323	Denitrification Effluent Valve #3 Actuator	Actuator as found doesn't have enough torque to operate valve at all. The problem could be in the valve itself.	1750013
5/1/2012	5/25/2012	6/20/2012	SYS-EVAL	SYSTEM EVALUATION - Denitrification Filter	NL-FCVA324	Denitrification Effluent Valve #4 Actuator	Actuator as found doesn't have enough torque to operate valve at all. The problem could be in the valve itself.	1750013
5/1/2012	5/25/2012	6/20/2012	SYS-EVAL	SYSTEM EVALUATION - Denitrification Filter	NL-FCVA331	Denitrification Backwash Valve #1 Actuator	Actuator as found doesn't have enough torque to operate valve reliably. The problem could be in the valve itself.	1750013
5/1/2012	5/25/2012	6/20/2012	SYS-EVAL	SYSTEM EVALUATION - Denitrification Filter	NL-FCVA332	Denitrification Backwash Valve #2 Actuator	Actuator as found doesn't have enough torque to operate valve reliably. The problem could be in the valve itself.	1750013
5/1/2012	5/25/2012	6/20/2012	SYS-EVAL	SYSTEM EVALUATION - Denitrification Filter	NL-FCVA333	Denitrification Backwash Valve #3 Actuator	Actuator as found doesn't have enough torque to operate valve reliably. The problem could be in the valve itself.	1750013
5/1/2012	5/25/2012	6/20/2012	SYS-EVAL	SYSTEM EVALUATION - Denitrification Filter	NL-FCVA334	Denitrification Backwash Valve #4 Actuator	Actuator as found doesn't have enough torque to operate valve reliably. The problem could be in the valve itself.	1750013
5/1/2012	5/25/2012	6/20/2012	SYS-EVAL	SYSTEM EVALUATION - Denitrification Filter	NL-FCVA341	Denitrification Air Scour Valve #1 Actuator	Actuator as found doesn't have enough torque to operate valve reliably or at all. The problem could be in the valve	1750013
5/1/2012	5/25/2012	6/20/2012	SYS-EVAL	SYSTEM EVALUATION - Denitrification Filter	NL-FCVA342	Denitrification Air Scour Valve #2 Actuator	Actuator as found doesn't have enough torque to operate valve reliably or at all. The problem could be in the valve	1750013
5/1/2012	5/25/2012	6/20/2012	SYS-EVAL	SYSTEM EVALUATION - Denitrification Filter	NL-FCVA343	Denitrification Air Scour Valve #3 Actuator	Actuator as found doesn't have enough torque to operate valve reliably or at all. The problem could be in the valve	1750013
5/1/2012	5/25/2012	6/20/2012	SYS-EVAL	SYSTEM EVALUATION - Denitrification Filter	NL-FCVA344	Denitrification Air Scour Valve #4 Actuator	Actuator as found doesn't have enough torque to operate valve reliably or at all. The problem could be in the valve	1750013
5/1/2012	5/25/2012	6/20/2012	SYS-EVAL	SYSTEM EVALUATION - Denitrification Filter	NL-FILTER310	Denitrification Filter Chamber #1	Filter media (sand) does not adequately -- if at all -- allow process water through. Backwashing and air scouring (by manually operating the appropriate valves) doesn't improve the condition.	1750013
5/1/2012	5/25/2012	6/20/2012	SYS-EVAL	SYSTEM EVALUATION - Denitrification Filter	NL-FILTER320	Denitrification Filter Chamber #2	Filter media (sand) does not adequately -- if at all -- allow process water through. Backwashing and air scouring (by manually operating the appropriate valves) doesn't improve the condition.	1750013
5/1/2012	5/25/2012	6/20/2012	SYS-EVAL	SYSTEM EVALUATION - Denitrification Filter	NL-FILTER330	Denitrification Filter Chamber #3	Filter media (sand) does not adequately -- if at all -- allow process water through. Backwashing and air scouring (by manually operating the appropriate valves) doesn't improve the condition.	1750013
5/1/2012	5/25/2012	6/20/2012	SYS-EVAL	SYSTEM EVALUATION - Denitrification Filter	NL-FILTER340	Denitrification Filter Chamber #4	Filter media (sand) does not adequately -- if at all -- allow process water through. Backwashing and air scouring (by manually operating the appropriate valves) doesn't improve the condition.	1750013
5/1/2012	5/25/2012	6/20/2012	SYS-EVAL	SYSTEM EVALUATION - Denitrification Filter	NL-LS331	Denitrification Scum Chamber LowLevel Float Switc	Unknown condition, scum chamber pumps aren't operating.	1750013
5/1/2012	5/25/2012	6/20/2012	SYS-EVAL	SYSTEM EVALUATION - Denitrification Filter	NL-LS332	Denitrification Scum Chamber HiLevel Float Switch	Unknown condition. Scum chamber pumps aren't operating	1750013
5/1/2012	5/25/2012	6/20/2012	SYS-EVAL	SYSTEM EVALUATION - Denitrification Filter	NL-LS333	Denitri. Scum Chamber Hi-Hi-Level Float Switch	Unknown condition. Scum chamber pumps aren't operating.	1750013
5/1/2012	5/25/2012	6/20/2012	SYS-EVAL	SYSTEM EVALUATION - Denitrification Filter	NL-P310	Methanol Dosing Pump	Operates.	1750013
5/1/2012	5/25/2012	6/20/2012	SYS-EVAL	SYSTEM EVALUATION - Denitrification Filter	NL-P321	Denitrification Scum/Sludge Return Pump	Not operating.	1750013
5/1/2012	5/25/2012	6/20/2012	SYS-EVAL	SYSTEM EVALUATION - Denitrification Filter	NL-P322	Denitrification Scum/Sludge Return Pump	Not operating.	1750013
5/1/2012	5/25/2012	6/20/2012	SYS-EVAL	SYSTEM EVALUATION - Denitrification Filter	NL-P331	Denitrification Backwash Pump #1	Operates.	1750013
5/1/2012	5/25/2012	6/20/2012	SYS-EVAL	SYSTEM EVALUATION - Denitrification Filter	NL-P332	Denitrification Backwash Pump #2	Operates.	1750013
5/1/2012	5/25/2012	6/20/2012	SYS-EVAL	SYSTEM EVALUATION - Denitrification Filter	NL-PCC300	Denitrification Process Control Cabinet	Appears in good condition and clean inside.	1750013
5/1/2012	5/25/2012	6/20/2012	SYS-EVAL	SYSTEM EVALUATION - Denitrification Filter	NL-PRV301	Denitrification Blower #1 Pressure Relief Valve	Appears clean and undamaged.	1750013
5/1/2012	5/25/2012	6/20/2012	SYS-EVAL	SYSTEM EVALUATION - Denitrification Filter	NL-PRV302	Denitrification Blower #2 Pressure Relief Valve	Appears clean and undamaged.	1750013
5/1/2012	5/25/2012	6/20/2012	SYS-EVAL	SYSTEM EVALUATION - Denitrification Filter	NL-SV311	Denitrification Chamber #1 Influent Act. Solenoid	Appears to open when activated.	1750013
5/1/2012	5/25/2012	6/20/2012	SYS-EVAL	SYSTEM EVALUATION - Denitrification Filter	NL-SV312	Denitrification Chamber #2 Influent Act. Solenoid	Appears to open when activated.	1750013
5/1/2012	5/25/2012	6/20/2012	SYS-EVAL	SYSTEM EVALUATION - Denitrification Filter	NL-SV313	Denitrification Chamber #3 Influent Act. Solenoid	Appears to open when activated.	1750013
5/1/2012	5/25/2012	6/20/2012	SYS-EVAL	SYSTEM EVALUATION - Denitrification Filter	NL-SV314	DenitrificationChamber #4 Influent Act. Solenoid	Appears to open when activated.	1750013
5/1/2012	5/25/2012	6/20/2012	SYS-EVAL	SYSTEM EVALUATION - Denitrification Filter	NL-SV321	DenitrificationChamber #1 Effluent Act. Solenoid	Appears to open when activated.	1750013
5/1/2012	5/25/2012	6/20/2012	SYS-EVAL	SYSTEM EVALUATION - Denitrification Filter	NL-SV322	Denitrification Chamber #2 Effluent Act. Solenoid	Appears to open when activated.	1750013
5/1/2012	5/25/2012	6/20/2012	SYS-EVAL	SYSTEM EVALUATION - Denitrification Filter	NL-SV323	Denitrification Chamber #3 Effluent Act. Solenoid	Appears to open when activated.	1750013
5/1/2012	5/25/2012	6/20/2012	SYS-EVAL	SYSTEM EVALUATION - Denitrification Filter	NL-SV324	Denitrification Chamber #4 Effluent Act. Solenoid	Appears to open when activated.	1750013
5/1/2012	5/25/2012	6/20/2012	SYS-EVAL	SYSTEM EVALUATION - Denitrification Filter	NL-SV331	DenitrificationChamber #1 Backwash Act. Solenoid	Appears to open when activated.	1750013
5/1/2012	5/25/2012	6/20/2012	SYS-EVAL	SYSTEM EVALUATION - Denitrification Filter	NL-SV332	DenitrificationChamber #2 Backwash Act. Solenoid	Appears to open when activated.	1750013
5/1/2012	5/25/2012	6/20/2012	SYS-EVAL	SYSTEM EVALUATION - Denitrification Filter	NL-SV333	Denitrification Chamber #3 Backwash Act. Solenoid	Appears to open when activated.	1750013
5/1/2012	5/25/2012	6/20/2012	SYS-EVAL	SYSTEM EVALUATION - Denitrification Filter	NL-SV334	Denitrification Chamber #4 Backwash Act. Solenoid	Appears to open when activated.	1750013
5/1/2012	5/25/2012	6/20/2012	SYS-EVAL	SYSTEM EVALUATION - Denitrification Filter	NL-SV341	Denitrification Chamber #1Air Scour Act. Solenoid	Appears to open when activated.	1750013
5/1/2012	5/25/2012	6/20/2012	SYS-EVAL	SYSTEM EVALUATION - Denitrification Filter	NL-SV342	Denitrification Chamber #2 Air Scour Act. Solenoid	Appears to open when activated.	1750013
5/1/2012	5/25/2012	6/20/2012	SYS-EVAL	SYSTEM EVALUATION - Denitrification Filter	NL-SV343	Denitrification Chamber #3 Air Scour Act. Solenoid	Appears to open when activated.	1750013
5/1/2012	5/25/2012	6/20/2012	SYS-EVAL	SYSTEM EVALUATION - Denitrification Filter	NL-SV344	Denitrification Chamber #4 Air Scour Act. Solenoid	Appears to open when activated.	1750013
5/1/2012	5/25/2012	6/20/2012	SYS-EVAL	SYSTEM EVALUATION - Denitrification Filter	NL-T301	Methanol Storage Tank	Appears intact. No leakage found.	1750013
5/1/2012	5/25/2012	6/20/2012	SYS-EVAL	SYSTEM EVALUATION - Denitrification Filter	NL-T302	Denitrification Compressor Receiver Tank	Appears in good condition. Condensate blow off is clear not rusty.	1750013
5/1/2012	5/25/2012	6/20/2012	SYS-EVAL	SYSTEM EVALUATION - Denitrification Filter	NL-T303	Denitrification Compressor Secondary Receiver Tank	Appears in good condition.	1750013
5/1/2012	5/25/2012	6/20/2012	SYS-EVAL	SYSTEM EVALUATION - Denitrification Filter	NL-V204	Denitrification Bypass Valve	Very stiff but works	1750013
5/1/2012	5/25/2012	6/20/2012	SYS-EVAL	SYSTEM EVALUATION - Denitrification Filter	NL-V301	Denitrification Blower #1 Manual Valve	Operates	1750013
5/1/2012	5/25/2012	6/20/2012	SYS-EVAL	SYSTEM EVALUATION - Denitrification Filter	NL-V302	Denitrification Blower #2 Manual Valve	Operates	1750013
5/1/2012	5/25/2012	6/20/2012	SYS-EVAL	SYSTEM EVALUATION - Denitrification Filter	NL-V311	Denitrification Chamber #1 Influent Valve	Must remove actuator to determine if the valve operates.	1750013
5/1/2012	5/25/2012	6/20/2012	SYS-EVAL	SYSTEM EVALUATION - Denitrification Filter	NL-V312	Denitrification Chamber #2 Influent Valve	Must remove actuator to determine if the valve operates.	1750013
5/1/2012	5/25/2012	6/20/2012	SYS-EVAL	SYSTEM EVALUATION - Denitrification Filter	NL-V313	Denitrification Chamber #3 Influent Valve	Must remove actuator to determine if the valve operates.	1750013

NEEDS REPAIR / REPLACEMENT

EXHIBIT 'C'

Status Closed
Project Step 001 Evaluation

Scheduled Start Date	Scheduled Finish Date	Completion Date	Task No.	Description	Equipment No.	Equipment Description	Text	WO No.
5/1/2012	5/25/2012	6/20/2012	SYS-EVAL	SYSTEM EVALUATION - Denitrification Filter	NL-V314	Denitrification Chamber #4 Influent Valve	Must remove actuator to determine if the valve operates.	1750013
5/1/2012	5/25/2012	6/20/2012	SYS-EVAL	SYSTEM EVALUATION - Denitrification Filter	NL-V321	Denitrification Chamber #1 Effluent Valve	Must remove actuator to determine if the valve operates.	1750013
5/1/2012	5/25/2012	6/20/2012	SYS-EVAL	SYSTEM EVALUATION - Denitrification Filter	NL-V322	Denitrification Chamber #2 Effluent Valve	Must remove actuator to determine if the valve operates.	1750013
5/1/2012	5/25/2012	6/20/2012	SYS-EVAL	SYSTEM EVALUATION - Denitrification Filter	NL-V323	Denitrification Chamber #3 Effluent Valve	Must remove actuator to determine if the valve operates.	1750013
5/1/2012	5/25/2012	6/20/2012	SYS-EVAL	SYSTEM EVALUATION - Denitrification Filter	NL-V324	Denitrification Chamber #4 Effluent Valve	Must remove actuator to determine if the valve operates.	1750013
5/1/2012	5/25/2012	6/20/2012	SYS-EVAL	SYSTEM EVALUATION - Denitrification Filter	NL-V331	Denitrification Chamber #1 Bachwash Valve	Must remove actuator to determine if the valve operates.	1750013
5/1/2012	5/25/2012	6/20/2012	SYS-EVAL	SYSTEM EVALUATION - Denitrification Filter	NL-V332	Denitrification Chamber #2 Bachwash Valve	Must remove actuator to determine if the valve operates.	1750013
5/1/2012	5/25/2012	6/20/2012	SYS-EVAL	SYSTEM EVALUATION - Denitrification Filter	NL-V333	Denitrification Chamber #3 Bachwash Valve	Must remove actuator to determine if the valve operates.	1750013
5/1/2012	5/25/2012	6/20/2012	SYS-EVAL	SYSTEM EVALUATION - Denitrification Filter	NL-V334	Denitrification Chamber #4 Bachwash Valve	Must remove actuator to determine if the valve operates.	1750013
5/1/2012	5/25/2012	6/20/2012	SYS-EVAL	SYSTEM EVALUATION - Denitrification Filter	NL-V341	Denitrification Chamber #1 Air Scour Valve	Must remove actuator to determine if the valve operates.	1750013
5/1/2012	5/25/2012	6/20/2012	SYS-EVAL	SYSTEM EVALUATION - Denitrification Filter	NL-V342	Denitrification Chamber #2 Air Scour Valve	Must remove actuator to determine if the valve operates.	1750013
5/1/2012	5/25/2012	6/20/2012	SYS-EVAL	SYSTEM EVALUATION - Denitrification Filter	NL-V343	Denitrification Chamber #3 Air Scour Valve	Must remove actuator to determine if the valve operates.	1750013
5/1/2012	5/25/2012	6/20/2012	SYS-EVAL	SYSTEM EVALUATION - Denitrification Filter	NL-V344	Denitrification Chamber #4 Air Scour Valve	Must remove actuator to determine if the valve operates.	1750013
5/1/2012	5/11/2012	5/11/2012	SYS-EVAL	SYSTEM EVALUATION - Flocculation System	NL-BAF411	Flocculator #1 Influent Baffle	Wooden baffle is deteriorated in poor condition.	1750014
5/1/2012	5/11/2012	5/11/2012	SYS-EVAL	SYSTEM EVALUATION - Flocculation System	NL-BAF412	Flocculator #1 Effluent Baffle	What could be seen is OK. Only top 10% visible.	1750014
5/1/2012	5/11/2012	5/11/2012	SYS-EVAL	SYSTEM EVALUATION - Flocculation System	NL-BAF421	Flocculator #2 Influent Baffle	Wooden baffle is deteriorated. Not as poor as #1 should still be replaced.	1750014
5/1/2012	5/11/2012	5/11/2012	SYS-EVAL	SYSTEM EVALUATION - Flocculation System	NL-BAF422	Flocculator #2 Effluent Baffle	OK. Could use coal tar epoxy repaint.	1750014
5/1/2012	5/11/2012	5/11/2012	SYS-EVAL	SYSTEM EVALUATION - Flocculation System	NL-DRV400	Rapid Mix Gear Reducer	Is working likely need oil/grease.	1750014
5/1/2012	5/11/2012	5/11/2012	SYS-EVAL	SYSTEM EVALUATION - Flocculation System	NL-DRV410	Flocculator #1 Gear Reducer	Doesn't appear to be working. Difficult to tell but chain drive doesn't move.	1750014
5/1/2012	5/11/2012	5/11/2012	SYS-EVAL	SYSTEM EVALUATION - Flocculation System	NL-DRV411	Flocculator #1 Chain Drive	Doesn't move when motor is run (briefly)	1750014
5/1/2012	5/11/2012	5/11/2012	SYS-EVAL	SYSTEM EVALUATION - Flocculation System	NL-DRV420	Flocculator #2 Gear Reducer	Doesn't appear to be working. Difficult to tell but chain drive doesn't move.	1750014
5/1/2012	5/11/2012	5/11/2012	SYS-EVAL	SYSTEM EVALUATION - Flocculation System	NL-DRV421	Flocculator #2 Chain Drive	Doesn't move when motor is briefly run	1750014
5/1/2012	5/11/2012	5/11/2012	SYS-EVAL	SYSTEM EVALUATION - Flocculation System	NL-MCC410	Flocculator Motor Control Panel	Motors are operable from the panel in "hand".	1750014
5/1/2012	5/11/2012	5/11/2012	SYS-EVAL	SYSTEM EVALUATION - Flocculation System	NL-MIX400	Flash Mixer (Paddle)	Not visible but could hear water splashing, being mixed when motor was turned on.	1750014
5/1/2012	5/11/2012	5/11/2012	SYS-EVAL	SYSTEM EVALUATION - Flocculation System	NL-MIX410	Flocculator #1 Mixer (Paddle)	Does not rotate. wooden paddle not visible under water/duck weed	1750014
5/1/2012	5/11/2012	5/11/2012	SYS-EVAL	SYSTEM EVALUATION - Flocculation System	NL-MIX420	Flocculator #2 Mixer (Paddle)	Does not move. Wooden paddle blades deteriorated.	1750014
5/1/2012	5/11/2012	5/11/2012	SYS-EVAL	SYSTEM EVALUATION - Flocculation System	NL-MO400	Flocculator Rapid Mix Drive Motor	Operates. Tested briefly.	1750014
5/1/2012	5/11/2012	5/11/2012	SYS-EVAL	SYSTEM EVALUATION - Flocculation System	NL-MO410	Flocculator #1 Drive Motor	Operates. Tested briefly.	1750014
5/1/2012	5/11/2012	5/11/2012	SYS-EVAL	SYSTEM EVALUATION - Flocculation System	NL-MO420	Flocculator #2 Drive Motor	Operates. Tested briefly.	1750014
5/1/2012	5/11/2012	5/11/2012	SYS-EVAL	SYSTEM EVALUATION - Flocculation System	NL-V410	Flocculator #1 Sluice Gate	Small hand gate operable.	1750014
5/1/2012	5/11/2012	5/11/2012	SYS-EVAL	SYSTEM EVALUATION - Flocculation System	NL-V420	Flocculator #2 Sluice Gate	Small hand gate operable.	1750014
5/1/2012	5/18/2012	5/18/2012	SYS-EVAL	SYSTEM EVALUATION - Alum Sludge Clarifiers	NL-COALES43	Clarifier #1 Coalescer Pack	Broken and floated to the surface. Some pieces have been removed.	1750015
5/1/2012	5/18/2012	5/18/2012	SYS-EVAL	SYSTEM EVALUATION - Alum Sludge Clarifiers	NL-COALES43	Clarifier #2 Coalescer Pack	Broken and floated to the surface. Some pieces have been removed.	1750015
5/1/2012	5/18/2012	5/18/2012	SYS-EVAL	SYSTEM EVALUATION - Alum Sludge Clarifiers	NL-DRV431	Clarifier #1 Hydraulic Cylinder Drive	Can't test until hydraulic system is serviced. Concerned about hose integrity and hydraulic fluid condition.	1750015
5/1/2012	5/18/2012	5/18/2012	SYS-EVAL	SYSTEM EVALUATION - Alum Sludge Clarifiers	NL-DRV432	Clarifier #2 Hydraulic Cylinder Drive	Can't test until hydraulic system is serviced. Concerned about hose integrity and hydraulic fluid condition.	1750015
5/1/2012	5/18/2012	5/18/2012	SYS-EVAL	SYSTEM EVALUATION - Alum Sludge Clarifiers	NL-P431	Scraper #1 Hydraulic Pump	Can't test until hydraulic system is serviced. Concerned about hose integrity and hydraulic fluid condition.	1750015
5/1/2012	5/18/2012	5/18/2012	SYS-EVAL	SYSTEM EVALUATION - Alum Sludge Clarifiers	NL-P432	Scraper #2 Hydraulic Pump	Can't test until hydraulic system is serviced. Concerned about hose integrity and hydraulic fluid condition.	1750015
5/1/2012	5/18/2012	5/18/2012	SYS-EVAL	SYSTEM EVALUATION - Alum Sludge Clarifiers	NL-SCRAPER4	Clarifier #1 Scraper (sludge rake)	On clarifier floor below water surface. No visula inspection. Can't test until hydraulic system is serviced. Concerned about hose integrity and hydraulic fluid condition.	1750015
5/1/2012	5/18/2012	5/18/2012	SYS-EVAL	SYSTEM EVALUATION - Alum Sludge Clarifiers	NL-SCRAPER4	Clarifier #2 Scraper (sludge rake)	On clarifier floor below water surface. No visula inspection. Can't test until hydraulic system is serviced. Concerned about hose integrity and hydraulic fluid condition.	1750015
5/1/2012	5/18/2012	5/18/2012	SYS-EVAL	SYSTEM EVALUATION - Alum Sludge Clarifiers	NL-V431	Clarifier #1 Sluice Gate	Hand gate fits in slides and can be closed or opened easily.	1750015
5/1/2012	5/18/2012	5/18/2012	SYS-EVAL	SYSTEM EVALUATION - Alum Sludge Clarifiers	NL-V432	Clarifier #2 Sluice Gate	Hand gate fits in slides and can be closed or opened easily.	1750015
5/1/2012	5/18/2012	5/18/2012	SYS-EVAL	SYSTEM EVALUATION - Alum Sludge Clarifiers	NL-W431	Clarifier #1 Effluent Weir	Is in good condition. Debris hanging on. Needs to be cleaned.	1750015
5/1/2012	5/18/2012	5/18/2012	SYS-EVAL	SYSTEM EVALUATION - Alum Sludge Clarifiers	NL-W432	Clarifier #2 Effluent Weir	Is in good condition. Debris hanging on. Needs to be cleaned.	1750015
5/1/2012	5/18/2012	5/18/2012	SYS-EVAL	SYSTEM EVALUATION - Alum Sludge Clarifiers	NL-ZE431A	Clarifier #1 Scraper Upper Near Point Sensor	Appears to be intact. Don't know if operational. Check when hydraulic system is serviced.	1750015
5/1/2012	5/18/2012	5/18/2012	SYS-EVAL	SYSTEM EVALUATION - Alum Sludge Clarifiers	NL-ZE431B	Clarifier #1 Scraper Lower Near Point Sensor	Appears to be intact. Don't know if operational. Check when hydraulic system is serviced.	1750015
5/1/2012	5/18/2012	5/18/2012	SYS-EVAL	SYSTEM EVALUATION - Alum Sludge Clarifiers	NL-ZE432A	Clarifier #2 Scraper Upper Near Point Sensor	Appears to be intact. Don't know if operational. Check when hydraulic system is serviced.	1750015
5/1/2012	5/18/2012	5/18/2012	SYS-EVAL	SYSTEM EVALUATION - Alum Sludge Clarifiers	NL-ZE432B	Clarifier #2 Scraper Lower Near Point Sensor	Appears to be intact. Don't know if operational. Check when hydraulic system is serviced.	1750015
5/1/2012	5/18/2012	5/18/2012	SYS-EVAL	SYSTEM EVALUATION - Alum Sludge Clarifiers	NL-MCC420	Clarifier Motor/Scraper Control Panel		1750015
5/1/2012		5/25/2012	SYS-EVAL	SYSTEM EVALUATION - UV Sterilization Sys	NL-DRVV511	UV Ch. #1 Inf. Sluice Primary (lower) Gear Drive	Operator wheel can be turned but it does not turn gear box. The gate is closed.	1750016
5/1/2012		5/25/2012	SYS-EVAL	SYSTEM EVALUATION - UV Sterilization Sys	NL-DRVV512	UV Ch. #1 Inf. Sluice Second (upper) Gear Drive	Since the primary gear box doesn't work can't determine at this time if the secondary works.	1750016
5/1/2012		5/25/2012	SYS-EVAL	SYSTEM EVALUATION - UV Sterilization Sys	NL-DRVV513	UV Ch. #1 Eff. Sluice Primary (lower) Gear Drive	Will not turn. The gate is open.	1750016
5/1/2012		5/25/2012	SYS-EVAL	SYSTEM EVALUATION - UV Sterilization Sys	NL-DRVV514	UV Ch. #1 Eff. Sluice Second (upper) Gear Drive	Will not turn the gate is open	1750016
5/1/2012		5/25/2012	SYS-EVAL	SYSTEM EVALUATION - UV Sterilization Sys	NL-DRVV521	UV Ch. #2 Inf. Sluice Primary (lower) Gear Drive	Will not turn the gate is open.	1750016
5/1/2012		5/25/2012	SYS-EVAL	SYSTEM EVALUATION - UV Sterilization Sys	NL-DRVV522	UV Ch. #2 Inf. Sluice Second (upper) Gear Drive	Will not turn the gate is open.	1750016
5/1/2012		5/25/2012	SYS-EVAL	SYSTEM EVALUATION - UV Sterilization Sys	NL-DRVV523	UV Ch. #2 Eff. Sluice Primary (lower) Gear Drive	Will not turn the gate is open.	1750016
5/1/2012		5/25/2012	SYS-EVAL	SYSTEM EVALUATION - UV Sterilization Sys	NL-DRVV524	UV Ch. #2 Eff. Sluice Second (upper) Gear Drive	Will not turn the gate is open	1750016
5/1/2012		5/25/2012	SYS-EVAL	SYSTEM EVALUATION - UV Sterilization Sys	NL-LE/LT510	UV Ch. #1 Eff. Tank Level (flow) Transmitter	Flow is in channel #2 at this time and sluice gates are not operable to change flow to channel #1. Did not evaluate.	1750016
5/1/2012		5/25/2012	SYS-EVAL	SYSTEM EVALUATION - UV Sterilization Sys	NL-LE/LT520	UV Ch. #2 Eff. Tank Level (flow) Transmitter	Is operating and recording plant effluent flow. Did not at this time calibrate.	1750016
5/1/2012		5/25/2012	SYS-EVAL	SYSTEM EVALUATION - UV Sterilization Sys	NL-MODULE51	UV Module #1 Channel #1	Based on the display in the control cabinet no lamps are operating. Attempt to turn on results in burning smell. (Coming from ballast(s)?)	1750016
5/1/2012		5/25/2012	SYS-EVAL	SYSTEM EVALUATION - UV Sterilization Sys	NL-MODULE51	UV Module #2 Channel #1	Based on the display in the control cabinet no lamps are operating. Attempt to turn on results in burning smell. (Coming from ballast(s)?)	1750016
5/1/2012		5/25/2012	SYS-EVAL	SYSTEM EVALUATION - UV Sterilization Sys	NL-MODULE51	UV Module #3 Channel #1	Based on the display in the control cabinet no lamps are operating.	1750016

NEEDS REPAIR/REPLACEMENT

EXHIBIT 'C'

Status Closed
Project Step 001 Evaluation

Scheduled Start Date	Scheduled Finish Date	Completion Date	Task No.	Description	Equipment No.	Equipment Description	Text	WO No.
5/1/2012		5/25/2012	SYS-EVAL	SYSTEM EVALUATION - UV Sterilization Sys	NL-MODULE52	UV Module #1 Channel #2	Based on the display in the control cabinet no lamps are operating.	1750016
5/1/2012		5/25/2012	SYS-EVAL	SYSTEM EVALUATION - UV Sterilization Sys	NL-MODULE52	UV Module #2 Channel #2	Based on the display in the control cabinet some lamps (8) are operating. The module is operating in "hand"	1750016
5/1/2012		5/25/2012	SYS-EVAL	SYSTEM EVALUATION - UV Sterilization Sys	NL-MODULE52	UV Module #3 Channel #2	Based on the display in the control cabinet no lamps are operating.	1750016
5/1/2012		5/25/2012	SYS-EVAL	SYSTEM EVALUATION - UV Sterilization Sys	NL-P01P	New Lisbon WWTP (DMR) Sample Point	ISCO sampler sampling tube is in effluent chamber #2.	1750016
5/1/2012		5/25/2012	SYS-EVAL	SYSTEM EVALUATION - UV Sterilization Sys	NL-PCC500	UV System Process Control Cabinet	The cabinet fans are operating. Many of the lamp ballasts are or have leaked. The cabinet interior has a layer of dust/seeds drawn in by the cabinet fan. The UV radiometer for the operating channel #2 displays infrequently. The radiometer display for channel does'nt display. Neither radiometer status lamps are on (ok, high, low . . .)	1750016
5/1/2012		5/25/2012	SYS-EVAL	SYSTEM EVALUATION - UV Sterilization Sys	NL-REFRIG500	ISCO Composite Sampler Refrigerator	The ISCO sampler refrigerator is not working.	1750016
5/1/2012		5/25/2012	SYS-EVAL	SYSTEM EVALUATION - UV Sterilization Sys	NL-SAMPLE50	ISCO Composite Sampler	The ISCO sampler works and was programed for upcoming May 2012 sampling.	1750016
5/1/2012		5/25/2012	SYS-EVAL	SYSTEM EVALUATION - UV Sterilization Sys	NL-T510	UV Channel #1 Influent Tank	Contains duck weed. Not in service at this time.	1750016
5/1/2012		5/25/2012	SYS-EVAL	SYSTEM EVALUATION - UV Sterilization Sys	NL-T520	UV Channel #2 Influent Tank	Plant flow is passing through.	1750016
5/1/2012		5/25/2012	SYS-EVAL	SYSTEM EVALUATION - UV Sterilization Sys	NL-V510	UV Channel #1 Influent Sluice Gate	Is closed. Drive operators are not working.	1750016
5/1/2012		5/25/2012	SYS-EVAL	SYSTEM EVALUATION - UV Sterilization Sys	NL-V511	UV Channel #1 Effluent Sluice Gate	Is open. Drive operator is not working.	1750016
5/1/2012		5/25/2012	SYS-EVAL	SYSTEM EVALUATION - UV Sterilization Sys	NL-V520	UV Channel #2 Influent Sluice Gate	Is open. Drive operator is not working.	1750016
5/1/2012		5/25/2012	SYS-EVAL	SYSTEM EVALUATION - UV Sterilization Sys	NL-V521	UV Channel #2 Effluent Sluice Gate	Is open. Drive operator is not working. Plant flow is passing through at this time.	1750016
5/1/2012		5/25/2012	SYS-EVAL	SYSTEM EVALUATION - UV Sterilization Sys	NL-W510	UV Channel #1 Eff. Rectangular (flow) Weir	Appears in good condition. Some debris/sludge is hanging over the throat.	1750016
5/1/2012		5/25/2012	SYS-EVAL	SYSTEM EVALUATION - UV Sterilization Sys	NL-W520	UV Channel #2 Eff. Rectangular (flow) Weir	Appears in good condition. Some debris/sludge is hanging onto/over the throat.	1750016
5/1/2012		5/25/2012	SYS-EVAL	SYSTEM EVALUATION - UV Sterilization Sys	NL-EHU500	ISCO Sampler Cabinet Heater		1750016
5/1/2012	5/31/2012	5/15/2012	7:10A-Fail-Rp	REPORT TO OWNER: DEFICIENCIES, FAILURE	-		5/14/12 Prepared and faxed to Roseann Schomberg preliminary findings report about WWTP conditions. 5/15/12 Meeting at NLDC with T. Treglio & J. Nash (Chapman, Inc); Jack Nelson, Rich Aldridge, Billy White, Ernie Bell (NLDC) to discuss findings. Also toured WWTP grounds with NLDC personnel. Separate system evaluations will	1750020
5/1/2012	5/25/2012	5/25/2012	SYS-EVAL	SYSTEM EVALUATION Leachate Return Pump Sta	NL-CB831	Leachate Return Pump #1 Circuit Breaker	Apparently working.	1750022
5/1/2012	5/25/2012	5/25/2012	SYS-EVAL	SYSTEM EVALUATION Leachate Return Pump Sta	NL-CB832	Leachate Return Pump #2 Circuit Breaker	Circuit breaker will not reset	1750022
5/1/2012	5/25/2012	5/25/2012	SYS-EVAL	SYSTEM EVALUATION Leachate Return Pump Sta	NL-LS831	Leachate Pump Station Low Float Switch	Since leachate return pumps don't operate in "auto" the float switch condition is undetermined.	1750022
5/1/2012	5/25/2012	5/25/2012	SYS-EVAL	SYSTEM EVALUATION Leachate Return Pump Sta	NL-LS833	Leachate Pump Station Hi Float Switch	Since leachate return pumps don't operate in "auto" the float switch condition is undetermined.	1750022
5/1/2012	5/25/2012	5/25/2012	SYS-EVAL	SYSTEM EVALUATION Leachate Return Pump Sta	NL-LS834	Leachate Pump Station Hi-Hi Float Switch	No alarm occured when the leachate return wet well was full. Either there is no detector or it is not working	1750022
5/1/2012	5/25/2012	5/25/2012	SYS-EVAL	SYSTEM EVALUATION Leachate Return Pump Sta	NL-P831	Leachate Return Pump #1	Operates in "hand" only	1750022
5/1/2012	5/25/2012	5/25/2012	SYS-EVAL	SYSTEM EVALUATION Leachate Return Pump Sta	NL-P832	Leachate Return Pump #2	Does not operate. Circuit breaker will not reset.	1750022
5/1/2012	5/25/2012	5/25/2012	SYS-EVAL	SYSTEM EVALUATION Leachate Return Pump Sta	NL-V830A	Bio-sludge Reed Beds Leachate Decant Valve	Valve apparently works.	1750022
5/1/2012	5/25/2012	5/25/2012	SYS-EVAL	SYSTEM EVALUATION Leachate Return Pump Sta	NL-V830B	Alum Sludge Reed Beds Leachate Decant Valve	Valve apparently works.	1750022
5/31/2012	5/31/2012	6/4/2012	7:10A-Fail-Rp	SUBMIT REQUESTED SUM. REPORT TO NJDEP	NL-NOTEBOO	NLDC NOTEBOOK	NJDEP Hotline call Case No. 120531094857 Operator 25. Contacted Krista Bloomquist to confirm the required letter be sent to her. She recommended that the Permit Writer , Matthew Klewin 609-292-0407, will have input as to what can be done. Called and left voice-mail to Matthew Klewin. New Case Manager Dave Pepe. 6/4/12 Report sent (faxed hard copy mailed)to Krista Bloomquist and Report with intitial plan of action sent (faxed hard copy mailed) to Dave	1750032

Status Closed
Project Step 200 Lift Station

Scheduled Start Date	Scheduled Finish Date	Completion Date	Task No.	Description	Equipment No.	Equipment Description	Text	WO No.
6/12/2012	6/12/2012	6/12/2012	CLN-TANK	CLEAN PROCESS TANK	NL-T200	Plant Surge Tank	Tank partially blocked. Removed deteriorated grill.	1750221
10/14/2013	10/14/2013	10/15/2013	REPLACE-E	REPLACE EQUIPMENT	NL-BAR203	WWTP Comminutor Chamber Bar Screen	During a major clean-out of the comminutor chamber (8/6/13 to 8/13/13) it was discovered that the chamber bar screen was almost completly corroded away. A new bar screen was fabricated by NLDC welder and installed 8/15/2013.	1750220
10/21/2013	10/28/2013	10/28/2013	T/S-REPAIR	TROUBLESHOOT & REPAIR/REPLACE	NL-COMM201	Main Lift Station Comminutor	During a major clean-out of the comminutor chamber (8/6/13 to 8/13/13) it was discovered that the comminutor was in very poor condition and need to be replaced. A spare and new comminutor was installed by Shafts & Sleaves.	1750219
10/31/2013	10/31/2013	10/30/2013	T/S-REPAIR	TROUBLESHOOT & REPAIR/REPLACE	NL-ALARM201	Main Lift Station Alarm	Alarm is currently not working. Repair as necessary. Repaired and activated by NLDC Electrician.	1750218

Status Closed
Project Step 220 Oxi-ditch

Scheduled Start Date	Scheduled Finish Date	Completion Date	Task No.	Description	Equipment No.	Equipment Description	Text	WO No.
7/9/2012	7/9/2012	7/13/2012	REPLACE-E	REPLACE EQUIPMENT	NL-BRNG221	Brush Aerator #2 Inner Shaft Bearing	Inner bearing (NL-BRNG222) is totally destroyed to the point that brush can't rotate properly. This bearing is worn also although not as badly worn. Bearing replaced by Shafts & Sleeves 7/14/12.	1750223
7/9/2012	7/9/2012	7/13/2012	REPLACE-E	REPLACE EQUIPMENT	NL-BRNG222	Brush Aerator #2 Outer Shaft Bearing	Inner bearing is totally destroyed to the point that brush can't rotate properly. Bearing replaced by Shafts & Sleeves 7/14/12.	1750223

Status Closed
Project Step 230 BOAT Clarifier

Scheduled Start Date	Scheduled Finish Date	Completion Date	Task No.	Description	Equipment No.	Equipment Description	Text	WO No.
6/5/2012	6/15/2012	6/15/2012	CLN-TANK	CLEAN PROCESS TANK	NL-CLR200	B. O. A. T. Clarifier	Removed debris ans accumulated sludge	1750225
6/5/2012	6/15/2012	6/15/2012	CLN-TANK	CLEAN PROCESS TANK	NL-CLRHOPS	BOAT Clarifier Hoppers	Removed debris ans accumulated sludge	1750225
6/12/2012	6/12/2012	6/12/2012	T/S-REPAIR	TROUBLESHOOT & REPAIR/REPLACE	NL-SKIM200	Scum Sucker Skimmer	Lubricated and freed skimmer NL-SKIM200 level adjustment valve. Cleared accumulated and packed debris from skimmer chamber. Adjusted skimmer height to current activated sludge height. Adjusted NL-VANE202 to direct scum to skimmer chamber. Started removing scum.	1750226
6/12/2012	6/12/2012	6/12/2012	T/S-REPAIR	TROUBLESHOOT & REPAIR/REPLACE	NL-VANE202	Oxi. Ditch Flow Control Vane (Star. Side)	Lubricated and freed skimmer NL-SKIM200 level adjustment valve. Cleared accumulated and packed debris from skimmer chamber. Adjusted skimmer height to current activated sludge height. Adjusted NL-VANE202 to direct scum to skimmer chamber. Started removing scum.	1750226
7/13/2012	7/13/2012	7/12/2013	CLN-TANK	CLEAN PROCESS TANK	NL-CLRHOPS	BOAT Clarifier Hoppers	Settled sludge in clarifier is not exiting sludge ports. Large mounds of settled sludge float to the surface frequently and	1750228

Needs repair/replacement.
Needs repair/replacement
Needs repair/replacement
Repaired/Replaced
Needs repair/replacement
Repaired/Replaced
Repaired/Replaced.

EXHIBIT 'C'

Status Closed
Project Step 230 BOAT Clarifier

Scheduled Start Date	Scheduled Finish Date	Completion Date	Task No.	Description	Equipment No.	Equipment Description	Text	WO No.
7/13/2012	7/13/2012	7/12/2013	CLN-TANK	CLEAN PROCESS TANK	NL-CLRHOPS	BOAT Clarifier Hoppers	cause high TSS at the clarifier effluent. Cleared sludge ports with plunger. Recover black (septic) sludge. Reduced frequency and size of sludge mounds however floating mounds still occur. Attempt to increase oxidation ditch flow rate, thereby flushing out more sludge from beneath the clarifier, by running both brushes during daytime shift. Also reduced MLSS. Ongoing effort.	1750228
7/14/2012	7/14/2012	7/20/2013	T/S-REPAIR	TROUBLESHOOT & REPAIR/REPLACE	NL-WJ201	Water Jet #1	Water Jet not working well. Cleaned nozzle.	1750227
7/14/2012	7/14/2012	7/20/2013	T/S-REPAIR	TROUBLESHOOT & REPAIR/REPLACE	NL-WJ202	Water Jet #2	Water jet not spraying. Cleaned nozzel and feed pipe.	1750227
7/14/2012	7/14/2012	7/20/2013	T/S-REPAIR	TROUBLESHOOT & REPAIR/REPLACE	NL-WJ203	Water Jet #3	Adjusted height in scum trough and valve setting.	1750227
7/14/2012	7/14/2012	7/20/2013	T/S-REPAIR	TROUBLESHOOT & REPAIR/REPLACE	NL-WJ204	Water Jet #4	Adjusted height in scum trough and valve setting.	1750227
7/14/2012	7/14/2012	7/20/2013	T/S-REPAIR	TROUBLESHOOT & REPAIR/REPLACE	NL-WJ205	Water Jet #5	Adjusted height in scum trough and valve setting.	1750227
7/14/2012	7/14/2012	7/20/2013	T/S-REPAIR	TROUBLESHOOT & REPAIR/REPLACE	NL-WJ206	Water Jet #6	Adjusted height in scum trough and valve setting.	1750227

Status Closed
Project Step 300 De-nit Cells

Scheduled Start Date	Scheduled Finish Date	Completion Date	Task No.	Description	Equipment No.	Equipment Description	Text	WO No.
5/31/2012	6/29/2012	6/8/2012	T/S-REPAIR	TROUBLESHOOT & REPAIR/REPLACE (Denitri.	NL-FILTER310	Denitrification Filter Cell #1	The filter cells have poor to no flow through for a long and unknown time. Recent backwashing and air scouring has not been successful. njh Investigated downflow denitrification filter cells in general. Found early models like NLDC's with nozzle underdrains are prone to "fouling and failure". New models use block underdrains. Siemens the current DAVCO manufacturer replaces the underdrain nozzles. Seeking a possible block underdrain retrofit. 6/6/12 Franc crew began emptying filter cell. 6/8/12 Cell visually inspected after cleaning. Underdrain nozzles appear intact. Air scouring manifold needs some repair.	1750031
5/31/2012	6/29/2012	6/8/2012	T/S-REPAIR	TROUBLESHOOT & REPAIR/REPLACE (Denitri.	NL-FILTER320	Denitrification Filter Cell #2	The filter cells have poor to no flow through for a long and unknown time. Recent backwashing and air scouring has not been successful. 6/6/12 Franc crew began emptying filter cell. 6/8/12 Cell visually inspected after cleaning. Underdrain nozzles appear intact. Air scouring manifold ness some repair.	1750031
5/31/2012	6/29/2012	6/8/2012	T/S-REPAIR	TROUBLESHOOT & REPAIR/REPLACE (Denitri.	NL-FILTER330	Denitrification Filter Cell #3	The filter cells have poor to no flow through for a long and unknown time. Recent backwashing and air scouring has not been successful. 6/6/12 Franc crew began emptying filter cell. 6/8/12 Cell visually inspected after cleaning. Underdrain nozzles appear intact. Air scouring manifold ness some repair.	1750031
5/31/2012	6/29/2012	6/8/2012	T/S-REPAIR	TROUBLESHOOT & REPAIR/REPLACE (Denitri.	NL-FILTER340	Denitrification Filter Cell #4	The filter cells have poor to no flow through for a long and unknown time. Recent backwashing and air scouring has not been successful. 6/6/12 Franc crew began emptying filter cell. 6/8/12 Cell visually inspected after cleaning. Underdrain nozzles appear intact. Air scouring manifold ness some repair.	1750031
5/31/2012	6/29/2012	6/8/2012	T/S-REPAIR	TROUBLESHOOT & REPAIR/REPLACE (Denitri.	NL-T320	Denitrification (mud/scum) Waste Sump tank	Tank was cleaned out by vactor in preparation for component inspection.	1750031
5/31/2012	6/29/2012	6/8/2012	T/S-REPAIR	TROUBLESHOOT & REPAIR/REPLACE (Denitri.	NL-T330	Denitrification Effluent Tank	Tank was cleaned out by vactor in preparation for component inspection.	1750031
6/4/2012	6/20/2012	6/26/2013	T/S-REPAIR	TROUBLESHOOT & REPAIR/REPLACE (Denit. B	NL-W311	Backwash Broadweir, Denitrification Filter Cell #1		1750030
6/4/2012	6/20/2012	6/26/2013	T/S-REPAIR	TROUBLESHOOT & REPAIR/REPLACE (Denit. B	NL-W312	Backwash Broadweir, Denitrification Filter Cell #2		1750030
6/4/2012	6/20/2012	6/26/2013	T/S-REPAIR	TROUBLESHOOT & REPAIR/REPLACE (Denit. B	NL-W313	Backwash Broadweir, Denitrification Filter Cell #3		1750030
6/4/2012	6/20/2012	6/26/2013	T/S-REPAIR	TROUBLESHOOT & REPAIR/REPLACE (Denit. B	NL-W314	Backwash Broadweir, Denitrification Filter Cell #4		1750030
6/4/2012	6/8/2012	6/8/2012	REPLACE-M	REPLACE FILTER MEDIA	NL-FILTER310	Denitrification Filter Cell #1	Filter media was removed by vac truck and crew (Franc) and deposited on-site to await analysis and disposal.	1750200
6/4/2012	6/8/2012	6/8/2012	REPLACE-M	REPLACE FILTER MEDIA	NL-FILTER320	Denitrification Filter Cell #2	Filter media was removed by vac truck and crew (Franc) and deposited on-site to await analysis and disposal.	1750200
6/4/2012	6/8/2012	6/8/2012	REPLACE-M	REPLACE FILTER MEDIA	NL-FILTER330	Denitrification Filter Cell #3	Filter media was removed by vac truck and crew (Franc) and deposited on-site to await analysis and disposal.	1750200
6/4/2012	6/8/2012	6/8/2012	REPLACE-M	REPLACE FILTER MEDIA	NL-FILTER340	Denitrification Filter Cell #4	Filter media was removed by vac truck and crew (Franc) and deposited on-site to await analysis and disposal.	1750200
6/11/2012	6/11/2012	4/26/2013	T/S-REPAIR	TROUBLESHOOT & REPAIR/REPLACE	NL-UD310	Filter Cell #1 Underdrain	Remove and inspect each underdrain pipe for any breaks, cracks, plugging correct the problem and install repaired or new pipe.	1750201
6/11/2012	6/11/2012	4/26/2013	T/S-REPAIR	TROUBLESHOOT & REPAIR/REPLACE	NL-UD320	Filter Cell #2 Underdrain	Remove and inspect each underdrain pipe for any breaks, cracks, plugging correct the problem and install repaired or new pipe.	1750201
6/11/2012	6/11/2012	4/26/2013	T/S-REPAIR	TROUBLESHOOT & REPAIR/REPLACE	NL-UD330	Filter Cell #3 Underdrain	Remove and inspect each underdrain pipe for any breaks, cracks, plugging correct the problem and install repaired or new pipe.	1750201
6/11/2012	6/11/2012	4/26/2013	T/S-REPAIR	TROUBLESHOOT & REPAIR/REPLACE	NL-UD340	Filter Cell #4 Underdrain	Remove and inspect each underdrain pipe for any breaks, cracks, plugging correct the problem and install repaired or new pipe.	1750201
6/11/2012	6/15/2012	7/13/2012	CHCK-EQUI	EVALUATE FILTER CELL UNDERDRAIN RETR	NL-FILTER310	Denitrification Filter Cell #1	Examine cleaned out filter cell for possible underdrain retrofit. Retrofit not advised by DAVCO mfg. In addition retrofit with another system would be much more costly than repair original.	1750037
6/11/2012	6/15/2012	7/13/2012	CHCK-EQUI	EVALUATE FILTER CELL UNDERDRAIN RETR	NL-FILTER320	Denitrification Filter Cell #2	Examine cleaned out filter cell for possible underdrain retrofit. Retrofit not advised by DAVCO mfg. In addition retrofit with another system would be much more costly than repair original.	1750037
6/11/2012	6/15/2012	7/13/2012	CHCK-EQUI	EVALUATE FILTER CELL UNDERDRAIN RETR	NL-FILTER330	Denitrification Filter Cell #3	Examine cleaned out filter cell for possible underdrain retrofit. Retrofit not advised by DAVCO mfg. In addition retrofit with another system would be much more costly than repair original.	1750037
6/11/2012	6/15/2012	7/13/2012	CHCK-EQUI	EVALUATE FILTER CELL UNDERDRAIN RETR	NL-FILTER340	Denitrification Filter Cell #4	Examine cleaned out filter cell for possible underdrain retrofit. Retrofit not advised by DAVCO mfg. In addition retrofit with another system would be much more costly than repair original.	1750037
6/18/2012	6/18/2012	6/20/2012	S&A-NON	SAMPLE & ANALYZE WASTE FILTER GRAVEL	NL-NOTEBOO	NLDC NOTEBOOK	Analyze waste filter sand/gravel. Five (5) location composite, in two 1-quart zip-lock bags for NJCC (New Jersey Clean-up Criteria) + Sulfur. APL#12060689	1750043
5/13/2013	6/21/2013	6/26/2013	REPLACE-M	REPLACE FILTER MEDIA	NL-FILTER310	Denitrification Filter Cell #1	Recharge the filter cell as per DAVCO drawing with five layers of washed gravel. Sizes are slightly modified to match Holliston Sand, Slatersville, RI, standard sizes 1-1/2" x 3/4"; 3/4"x1/2"; 1/2"x1/4"; 1/4"x1/8"; and 1/8"x1/16". Cell was recharged with significant help by NJDOC inmates. Special chute was fabricated to allow extra care and avoid breaking any of the underdrain or air sparge PVC manifold pipes.	1750202
5/13/2013	6/21/2013	6/26/2013	REPLACE-M	REPLACE FILTER MEDIA	NL-FILTER320	Denitrification Filter Cell #2	Recharge the filter cell as per DAVCO drawing with five layers of washed gravel. Sizes are slightly modified to match Holliston Sand, Slatersville, RI, standard sizes 1-1/2" x 3/4"; 3/4"x1/2"; 1/2"x1/4"; 1/4"x1/8"; and 1/8"x1/16". Cell was recharged with significant help by NJDOC inmates. Special chute was fabricated to allow extra care and avoid breaking any of the underdrain or air sparge PVC manifold pipes.	1750202

NEEDS REPAIR/REPLACEMENT

EXHIBIT 'C'

Status Closed
Project Step 300 De-nit Cells

Scheduled Start Date	Scheduled Finish Date	Completion Date	Task No.	Description	Equipment No.	Equipment Description	Text	WO No.
5/13/2013	6/21/2013	6/26/2013	REPLACE-M	REPLACE FILTER MEDIA	NL-FILTER330	Denitrification Filter Cell #3	Recharge the filter cell as per DAVCO drawing with five layers of washed gravel. Sizes are slightly modified to match Holliston Sand, Slatersville, RI, standard sizes 1-1/2" x 3/4"; 3/4"x1/2"; 1/2"x1/4"; 1/4"x1/8"; and 1/8"x1/16". Cell was recharged with significant help by NJDOC inmates. Special chute was fabricated to allow extra care and avoid breaking any of the underdrain or air sparge PVC manifold pipes.	1750202
5/13/2013	6/21/2013	6/26/2013	REPLACE-M	REPLACE FILTER MEDIA	NL-FILTER340	Denitrification Filter Cell #4	Recharge the filter cell as per DAVCO drawing with five layers of washed gravel. Sizes are slightly modified to match Holliston Sand, Slatersville, RI, standard sizes 1-1/2" x 3/4"; 3/4"x1/2"; 1/2"x1/4"; 1/4"x1/8"; and 1/8"x1/16". Cell was recharged with significant help by NJDOC inmates. Special chute was fabricated to allow extra care and avoid breaking any of the underdrain or air sparge PVC manifold pipes.	1750202

Status Closed
Project Step 305 De-nit Pumps

Scheduled Start Date	Scheduled Finish Date	Completion Date	Task No.	Description	Equipment No.	Equipment Description	Text	WO No.
4/29/2013	4/29/2013	4/29/2013	CHCK-EQUI	CHECK EQUIPMENT OPERATION	NL-P331	Denitrification Backwash Pump #1	Confirm backwash pumps are working. Pump works. No pressure nor flow measurements taken.	1750203
4/29/2013	4/29/2013	4/29/2013	CHCK-EQUI	CHECK EQUIPMENT OPERATION	NL-P332	Denitrification Backwash Pump #2	Pump works. No pressure nor flow measurements taken.	1750203

Status Closed
Project Step 310 De-nit Actuators

Scheduled Start Date	Scheduled Finish Date	Completion Date	Task No.	Description	Equipment No.	Equipment Description	Text	WO No.
9/17/2012	9/17/2012	4/1/2013	REPLACE-E	REPLACE EQUIPMENT	NL-FCVA311	Denitrification Influent Valve #1A Actuator	Remove pneumatic actuator for evaluation and to allow manual valve operation.	1750204
9/17/2012	9/17/2012	4/1/2013	REPLACE-E	REPLACE EQUIPMENT	NL-FCVA312	Denitrification Influent Valve #2A Actuator	Remove pneumatic actuator for evaluation and to allow manual valve operation.	1750204
9/17/2012	9/17/2012	4/1/2013	REPLACE-E	REPLACE EQUIPMENT	NL-FCVA313	Denitrification Influent Valve #3A Actuator	Remove pneumatic actuator for evaluation and to allow manual valve operation.	1750204
9/17/2012	9/17/2012	4/1/2013	REPLACE-E	REPLACE EQUIPMENT	NL-FCVA314	Denitrification Influent Valve #4A Actuator	Remove pneumatic actuator for evaluation and to allow manual valve operation.	1750204
9/17/2012	9/17/2012	4/1/2013	REPLACE-E	REPLACE EQUIPMENT	NL-FCVA321	Denitrification Effluent Valve #1 Actuator	Remove pneumatic actuator for evaluation and to allow manual valve operation.	1750204
9/17/2012	9/17/2012	4/1/2013	REPLACE-E	REPLACE EQUIPMENT	NL-FCVA322	Denitrification Effluent Valve #2 Actuator	Remove pneumatic actuator for evaluation and to allow manual valve operation.	1750204
9/17/2012	9/17/2012	4/1/2013	REPLACE-E	REPLACE EQUIPMENT	NL-FCVA323	Denitrification Effluent Valve #3 Actuator	Remove pneumatic actuator for evaluation and to allow manual valve operation.	1750204
9/17/2012	9/17/2012	4/1/2013	REPLACE-E	REPLACE EQUIPMENT	NL-FCVA324	Denitrification Effluent Valve #4 Actuator	Remove pneumatic actuator for evaluation and to allow manual valve operation.	1750204
9/17/2012	9/17/2012	4/1/2013	REPLACE-E	REPLACE EQUIPMENT	NL-FCVA331	Denitrification Backwash Valve #1 Actuator	Remove pneumatic actuator for evaluation and to allow manual valve operation.	1750204
9/17/2012	9/17/2012	4/1/2013	REPLACE-E	REPLACE EQUIPMENT	NL-FCVA332	Denitrification Backwash Valve #2 Actuator	Remove pneumatic actuator for evaluation and to allow manual valve operation.	1750204
9/17/2012	9/17/2012	4/1/2013	REPLACE-E	REPLACE EQUIPMENT	NL-FCVA333	Denitrification Backwash Valve #3 Actuator	Remove pneumatic actuator for evaluation and to allow manual valve operation.	1750204
9/17/2012	9/17/2012	4/1/2013	REPLACE-E	REPLACE EQUIPMENT	NL-FCVA334	Denitrification Backwash Valve #4 Actuator	Remove pneumatic actuator for evaluation and to allow manual valve operation.	1750204
9/17/2012	9/17/2012	4/1/2013	REPLACE-E	REPLACE EQUIPMENT	NL-FCVA341	Denitrification Air Scour Valve #1 Actuator	Remove pneumatic actuator for evaluation and to allow manual valve operation.	1750204
9/17/2012	9/17/2012	4/1/2013	REPLACE-E	REPLACE EQUIPMENT	NL-FCVA342	Denitrification Air Scour Valve #2 Actuator	Remove pneumatic actuator for evaluation and to allow manual valve operation.	1750204
9/17/2012	9/17/2012	4/1/2013	REPLACE-E	REPLACE EQUIPMENT	NL-FCVA343	Denitrification Air Scour Valve #3 Actuator	Remove pneumatic actuator for evaluation and to allow manual valve operation.	1750204
9/17/2012	9/17/2012	4/1/2013	REPLACE-E	REPLACE EQUIPMENT	NL-FCVA344	Denitrification Air Scour Valve #4 Actuator	Remove pneumatic actuator for evaluation and to allow manual valve operation.	1750204

Status Closed
Project Step 340 De-nit Comp.

Scheduled Start Date	Scheduled Finish Date	Completion Date	Task No.	Description	Equipment No.	Equipment Description	Text	WO No.
10/30/2013	10/30/2013	10/31/2013	CHCK-EQUI	CHECK EQUIPMENT OPERATION	NL-AD301	Denitrification Compressor Air Drier	Check if operational. NLDC ran dryer with air from NL-COMP301 and observed condensate. Unit works.	1750205
10/30/2013	10/30/2013	10/31/2013	CHCK-EQUI	CHECK EQUIPMENT OPERATION	NL-COMP301	Denitrification Compressor #1	Check if operational. NLDC ran unit for a period of time to provide compressed air for dryer evaluation. Unit operates.	1750205
10/30/2013	10/30/2013	10/31/2013	CHCK-EQUI	CHECK EQUIPMENT OPERATION	NL-COMP302	Denitrification Compressor #2	Check if operational. Unit could not be operated. Motor trips out. Motor removed for evaluation or replacement. 10/31/2013 new motor installed	1750205
11/4/2013	11/4/2013	10/31/2013	T/S-REPAIR	TROUBLESHOOT & REPAIR/REPLACE	NL-MOC302	Denitrification Compressor #2 Motor	10/30/13 Motor was removed by NLDC after failing performance check.	1750206

Status Closed
Project Step 420 R-Mix &Floc

Scheduled Start Date	Scheduled Finish Date	Completion Date	Task No.	Description	Equipment No.	Equipment Description	Text	WO No.
7/10/2013	7/12/2013	7/12/2013	CHCK-EQUI	CHECK EQUIPMENT OPERATION	NL-T431	Flocculation Tank #1	Inspect Tank. Tank was drained and inspected, accumulated sludge and debris were removed and disposed of.	1750238
7/10/2013	7/12/2013	7/12/2013	CHCK-EQUI	CHECK EQUIPMENT OPERATION	NL-T432	Flocculation Tank #2	Inspect Tank. Tank was drained and inspected, accumulated sludge and debris were removed and disposed of.	1750238

Status Closed
Project Step 430 Clarifiers

Scheduled Start Date	Scheduled Finish Date	Completion Date	Task No.	Description	Equipment No.	Equipment Description	Text	WO No.
7/1/2013	7/31/2013	7/26/2013	CHCK-EQUI	CHECK EQUIPMENT OPERATION	NL-CLR441	Secondary (Alum) Clarifier #1	Tank was drained and inspected, accumulated sludge and debris were removed. Broken pieces of plastic coalescer media were removed.	1750239
7/1/2013	7/31/2013	7/26/2013	CHCK-EQUI	CHECK EQUIPMENT OPERATION	NL-CLR442	Secondary (Alum) Clarifier #2	Tank was drained and inspected, accumulated sludge and debris were removed. Broken pieces of plastic coalescer media were removed.	1750239
7/1/2013	7/31/2013	7/26/2013	CHCK-EQUI	CHECK EQUIPMENT OPERATION	NL-SCRAPER4	Clarifier #1 Scraper (sludge rake)	Clarifier was emptied. Sludge raking system was inspected and found to be un-usable	1750239
7/1/2013	7/31/2013	7/26/2013	CHCK-EQUI	CHECK EQUIPMENT OPERATION	NL-SCRAPER4	Clarifier #2 Scraper (sludge rake)	Clarifier was emptied. Sludge raking system was inspected and found to be un-usable	1750239

Status Closed
Project Step 520 UV Ctl. Panel

Scheduled Start Date	Scheduled Finish Date	Completion Date	Task No.	Description	Equipment No.	Equipment Description	Text	WO No.
6/4/2012	6/22/2012	6/20/2012	T/S-REPAIR	TROUBLESHOOT & REPAIR/REPLACE	NL-PCC500	UV System Process Control Cabinet	Many components of the UV control panel appear or are proven inoperable. Investigate, prepare a comprehensive list of repair requirements, and submit to NLDC. 6/14/12 photo record of control cabinet.	1750026

NEEDS REPAIR / REPLACEMENT

EXHIBIT 'C'

Status Closed
Project Step 530 UV Modules

Scheduled Start Date	Scheduled Finish Date	Completion Date	Task No.	Description	Equipment No.	Equipment Description	Text	WO No.
7/9/2012	8/31/2012	8/31/2012	T/S-REPAIR	TROUBLESHOOT & REPAIR/REPLACE	NL-MODULE511	UV Module #1 Channel #1	Only one lamp module (out of six) is working at this time. Repair control pannel and modules as necessary to get all six operational. Ballast and UV bulbs were replaced and put into service by NLDC Electrician. Four of six modules were put back in service. THIS MODULE 511 WAS PUT BACK IN SERVICE	1750217
7/9/2012	8/31/2012	8/31/2012	T/S-REPAIR	TROUBLESHOOT & REPAIR/REPLACE	NL-MODULE512	UV Module #2 Channel #1	Only one lamp module (out of six) is working at this time. Repair control pannel and modules as necessary to get all six operational. Four of six modules were put back in service. THIS MODULE 512 WAS NOT DONE AT THIS TIME	1750217
7/9/2012	8/31/2012	8/31/2012	T/S-REPAIR	TROUBLESHOOT & REPAIR/REPLACE	NL-MODULE513	UV Module #3 Channel #1	Only one lamp module (out of six) is working at this time. Repair control pannel and modules as necessary to get all six operational. Four of six modules were put back in service. THIS MODULE 512 WAS NOT DONE AT THIS TIME	1750217
7/9/2012	8/31/2012	8/31/2012	T/S-REPAIR	TROUBLESHOOT & REPAIR/REPLACE	NL-MODULE521	UV Module #1 Channel #2	Only one lamp module (out of six) is working at this time. Repair control pannel and modules as necessary to get all six operational. Four of six modules were put back in service. THIS MODULE 521 WAS PUT BACK IN SERVICE	1750217
7/9/2012	8/31/2012	8/31/2012	T/S-REPAIR	TROUBLESHOOT & REPAIR/REPLACE	NL-MODULE522	UV Module #2 Channel #2	Only one lamp module (out of six) is working at this time. Repair control pannel and modules as necessary to get all six operational. Four of six modules were put back in service. THIS MODULE 522 WAS PUT BACK IN SERVICE	1750217
7/9/2012	8/31/2012	8/31/2012	T/S-REPAIR	TROUBLESHOOT & REPAIR/REPLACE	NL-MODULE523	UV Module #3 Channel #2	Only one lamp module (out of six) is working at this time. Repair control pannel and modules as necessary to get all six operational. Four of six modules were put back in service. THIS MODULE 523 WAS PUT BACK IN SERVICE	1750217
7/9/2012	8/31/2012	8/31/2012	T/S-REPAIR	TROUBLESHOOT & REPAIR/REPLACE	NL-PCC500	UV System Process Control Cabinet	Only one lamp module (out of six) is working at this time. Repair control pannel and modules as necessary to get all six operational. Four of six modules were put back in service.	1750217

NEEDS REPAIR / REPLACEMENT

Status Closed
Project Step 612 Eff Valve Pit

Scheduled Start Date	Scheduled Finish Date	Completion Date	Task No.	Description	Equipment No.	Equipment Description	Text	WO No.
5/16/2012	5/16/2012	5/16/2012	T/S-REPAIR	TROUBLESHOOT & REPAIR/REPLACE	NL-ARVV601	Pant Effluent Pump #1 Air Release Valve	Plant effluent valve pit floods with water at each effluent cycle then slowly drains. investigate cause of flooding. ARV is not closing when water reaches float. NLDC loosened top and corrected condition.	1750023
5/16/2012	5/16/2012	5/16/2012	T/S-REPAIR	TROUBLESHOOT & REPAIR/REPLACE	NL-ARVV602	Plant Effluent Pump #2 Air Release Valve	Plant effluent valve pit floods with water at each effluent cycle then slowly drains. investigate cause of flooding. The nipple under the ARV has a hole and needs to be replaced. Closed in-line valve until nipple is replaced.	1750023

Status Closed
Project Step 730 Spray Heads

Scheduled Start Date	Scheduled Finish Date	Completion Date	Task No.	Description	Equipment No.	Equipment Description	Text	WO No.
9/5/2012	9/5/2012	9/30/2012	LUBE-SPRA	LUBRICATE & MAINT. IRRIGATION SPRAY HE	NL-SH701-1	Spray Head #1, Valve Station #1	Sprayhead was greased. It does rotate with some force but doesn't freely spin. The present condition of the water distribution system doesn't allow for an actual flow test.	1750185
9/5/2012	9/5/2012	9/30/2012	LUBE-SPRA	LUBRICATE & MAINT. IRRIGATION SPRAY HE	NL-SH701-2	Spray Head #2, Valve Station #1	Sprayhead was greased. It does rotate with some force but doesn't freely spin. The present condition of the water distribution system doesn't allow for an actual flow test.	1750185
9/5/2012	9/5/2012	9/30/2012	LUBE-SPRA	LUBRICATE & MAINT. IRRIGATION SPRAY HE	NL-SH701-3	Spray Head #3, Valve Station #1	Sprayhead was greased. It does rotate with some force but doesn't freely spin. The present condition of the water distribution system doesn't allow for an actual flow test.	1750185
9/5/2012	9/5/2012	9/30/2012	LUBE-SPRA	LUBRICATE & MAINT. IRRIGATION SPRAY HE	NL-SH701-4	Spray Head #4, Valve Station #1	Sprayhead was greased. It does rotate with some force but doesn't freely spin. The present condition of the water distribution system doesn't allow for an actual flow test.	1750185
9/5/2012	9/5/2012	9/30/2012	LUBE-SPRA	LUBRICATE & MAINT. IRRIGATION SPRAY HE	NL-SH702-1	Spray Head #1, Valve Station #2	Sprayhead was greased. It does rotate with some force but doesn't freely spin. The present condition of the water distribution system doesn't allow for an actual flow test.	1750185
9/5/2012	9/5/2012	9/30/2012	LUBE-SPRA	LUBRICATE & MAINT. IRRIGATION SPRAY HE	NL-SH702-2	Spray Head #2, Valve Station #2	Sprayhead was greased. It does rotate with some force but doesn't freely spin. The present condition of the water distribution system doesn't allow for an actual flow test.	1750185
9/5/2012	9/5/2012	9/30/2012	LUBE-SPRA	LUBRICATE & MAINT. IRRIGATION SPRAY HE	NL-SH702-3	Spray Head #3, Valve Station #2	Sprayhead was greased. It does rotate with some force but doesn't freely spin. The present condition of the water distribution system doesn't allow for an actual flow test.	1750185
9/5/2012	9/5/2012	9/30/2012	LUBE-SPRA	LUBRICATE & MAINT. IRRIGATION SPRAY HE	NL-SH702-4	Spray Head #4, Valve Station #2	Sprayhead was greased. It does rotate with some force but doesn't freely spin. The present condition of the water distribution system doesn't allow for an actual flow test.	1750185
9/5/2012	9/5/2012	9/30/2012	LUBE-SPRA	LUBRICATE & MAINT. IRRIGATION SPRAY HE	NL-SH703-1	Spray Head #1, Valve Station #3	Sprayhead was greased. It does rotate with some force but doesn't freely spin. The present condition of the water distribution system doesn't allow for an actual flow test.	1750185
9/5/2012	9/5/2012	9/30/2012	LUBE-SPRA	LUBRICATE & MAINT. IRRIGATION SPRAY HE	NL-SH703-2	Spray Head #2, Valve Station #3	Sprayhead was greased. It does rotate with some force but doesn't freely spin. The present condition of the water distribution system doesn't allow for an actual flow test.	1750185
9/5/2012	9/5/2012	9/30/2012	LUBE-SPRA	LUBRICATE & MAINT. IRRIGATION SPRAY HE	NL-SH703-3	Spray Head #3, Valve Station #3	Sprayhead was greased. It does rotate with some force but doesn't freely spin. The present condition of the water distribution system doesn't allow for an actual flow test.	1750185
9/5/2012	9/5/2012	9/30/2012	LUBE-SPRA	LUBRICATE & MAINT. IRRIGATION SPRAY HE	NL-SH703-4	Spray Head #4, Valve Station #3	Sprayhead was greased. It does rotate with some force but doesn't freely spin. The present condition of the water distribution system doesn't allow for an actual flow test.	1750185
9/5/2012	9/5/2012	9/30/2012	LUBE-SPRA	LUBRICATE & MAINT. IRRIGATION SPRAY HE	NL-SH704-1	Spray Head #1, Valve Station #4	Sprayhead was greased. It does rotate with some force but doesn't freely spin. The present condition of the water distribution system doesn't allow for an actual flow test.	1750185
9/5/2012	9/5/2012	9/30/2012	LUBE-SPRA	LUBRICATE & MAINT. IRRIGATION SPRAY HE	NL-SH704-2	Spray Head #2, Valve Station #4	Sprayhead was greased. It does rotate with some force but doesn't freely spin. The present condition of the water distribution system doesn't allow for an actual flow test.	1750185
9/5/2012	9/5/2012	9/30/2012	LUBE-SPRA	LUBRICATE & MAINT. IRRIGATION SPRAY HE	NL-SH704-3	Spray Head #3, Valve Station #4	Sprayhead was greased. It does rotate with some force but doesn't freely spin. The present condition of the water distribution system doesn't allow for an actual flow test.	1750185
9/5/2012	9/5/2012	9/30/2012	LUBE-SPRA	LUBRICATE & MAINT. IRRIGATION SPRAY HE	NL-SH704-4	Spray Head #4, Valve Station #4	Sprayhead was greased. It does rotate with some force but doesn't freely spin. The present condition of the water distribution system doesn't allow for an actual flow test.	1750185
9/5/2012	9/5/2012	9/30/2012	LUBE-SPRA	LUBRICATE & MAINT. IRRIGATION SPRAY HE	NL-SH705-1	Spray Head #1, Valve Station #5	Sprayhead was greased. It does rotate with some force but doesn't freely spin. The present condition of the water distribution system doesn't allow for an actual flow test.	1750185
9/5/2012	9/5/2012	9/30/2012	LUBE-SPRA	LUBRICATE & MAINT. IRRIGATION SPRAY HE	NL-SH705-2	Spray Head #2, Valve Station #5	Sprayhead was greased. It does rotate with some force but doesn't freely spin. The present condition of the water distribution system doesn't allow for an actual flow test.	1750185
9/5/2012	9/5/2012	9/30/2012	LUBE-SPRA	LUBRICATE & MAINT. IRRIGATION SPRAY HE	NL-SH705-3	Spray Head #3, Valve Station #5	Sprayhead was greased. It does rotate with some force but doesn't freely spin. The present condition of the water distribution system doesn't allow for an actual flow test.	1750185

REPAIRED / REPLACED

EXHIBIT 'C'

Status Closed
Project Step 730 Spray Heads

Scheduled Start Date	Scheduled Finish Date	Completion Date	Task No.	Description	Equipment No.	Equipment Description	Text	WO No.
9/5/2012	9/5/2012	9/30/2012	LUBE-SPRA	LUBRICATE & MAINT. IRRIGATION SPRAY HE	NL-SH705-4	Spray Head #4, Valve Station #5	Sprayhead was greased. It does rotate with some force but doesn't freely spin. The present condition of the water distribution system doesn't allow for an actual flow test.	1750185
9/5/2012	9/5/2012	9/30/2012	LUBE-SPRA	LUBRICATE & MAINT. IRRIGATION SPRAY HE	NL-SH706-1	Spray Head #1, Valve Station #6	Sprayhead was greased. It does rotate with some force but doesn't freely spin. The present condition of the water distribution system doesn't allow for an actual flow test.	1750185
9/5/2012	9/5/2012	9/30/2012	LUBE-SPRA	LUBRICATE & MAINT. IRRIGATION SPRAY HE	NL-SH706-2	Spray Head #2, Valve Station #6	Sprayhead was greased. It does rotate with some force but doesn't freely spin. The present condition of the water distribution system doesn't allow for an actual flow test.	1750185
9/5/2012	9/5/2012	9/30/2012	LUBE-SPRA	LUBRICATE & MAINT. IRRIGATION SPRAY HE	NL-SH706-3	Spray Head #3, Valve Station #6	Sprayhead was greased. It does rotate with some force but doesn't freely spin. The present condition of the water distribution system doesn't allow for an actual flow test.	1750185
9/5/2012	9/5/2012	9/30/2012	LUBE-SPRA	LUBRICATE & MAINT. IRRIGATION SPRAY HE	NL-SH706-4	Spray Head #4, Valve Station #6	Sprayhead was greased. It does rotate with some force but doesn't freely spin. The present condition of the water distribution system doesn't allow for an actual flow test.	1750185
9/5/2012	9/5/2012	9/30/2012	LUBE-SPRA	LUBRICATE & MAINT. IRRIGATION SPRAY HE	NL-SH707-1	Spray Head #1, Valve Station #7	Sprayhead was greased. It does rotate with some force but doesn't freely spin. The present condition of the water distribution system doesn't allow for an actual flow test.	1750185
9/5/2012	9/5/2012	9/30/2012	LUBE-SPRA	LUBRICATE & MAINT. IRRIGATION SPRAY HE	NL-SH707-2	Spray Head #2, Valve Station #7	Sprayhead was greased. It does rotate with some force but doesn't freely spin. The present condition of the water distribution system doesn't allow for an actual flow test.	1750185
9/5/2012	9/5/2012	9/30/2012	LUBE-SPRA	LUBRICATE & MAINT. IRRIGATION SPRAY HE	NL-SH707-3	Spray Head #3, Valve Station #7	Sprayhead was greased. It does rotate with some force but doesn't freely spin. The present condition of the water distribution system doesn't allow for an actual flow test.	1750185
9/5/2012	9/5/2012	9/30/2012	LUBE-SPRA	LUBRICATE & MAINT. IRRIGATION SPRAY HE	NL-SH707-4	Spray Head #4, Valve Station #7	Sprayhead was greased. It does rotate with some force but doesn't freely spin. The present condition of the water distribution system doesn't allow for an actual flow test.	1750185
9/5/2012	9/5/2012	9/30/2012	LUBE-SPRA	LUBRICATE & MAINT. IRRIGATION SPRAY HE	NL-SH708-1	Spray Head #1, Valve Station #8	Sprayhead was greased. It does rotate with some force but doesn't freely spin. The present condition of the water distribution system doesn't allow for an actual flow test.	1750185
9/5/2012	9/5/2012	9/30/2012	LUBE-SPRA	LUBRICATE & MAINT. IRRIGATION SPRAY HE	NL-SH708-2	Spray Head #2, Valve Station #8	Sprayhead was greased. It does rotate with some force but doesn't freely spin. The present condition of the water distribution system doesn't allow for an actual flow test.	1750185
9/5/2012	9/5/2012	9/30/2012	LUBE-SPRA	LUBRICATE & MAINT. IRRIGATION SPRAY HE	NL-SH708-3	Spray Head #3, Valve Station #8	Sprayhead was greased. It does rotate with some force but doesn't freely spin. The present condition of the water distribution system doesn't allow for an actual flow test.	1750185
9/5/2012	9/5/2012	9/30/2012	LUBE-SPRA	LUBRICATE & MAINT. IRRIGATION SPRAY HE	NL-SH708-4	Spray Head #4, Valve Station #8	Sprayhead was greased. It does rotate with some force but doesn't freely spin. The present condition of the water distribution system doesn't allow for an actual flow test.	1750185
9/5/2012	9/5/2012	9/30/2012	LUBE-SPRA	LUBRICATE & MAINT. IRRIGATION SPRAY HE	NL-SH709-1	Spray Head #1, Valve Station #9	Sprayhead was greased. It does rotate with some force but doesn't freely spin. This nozzel is currently in service but does not rotate at the water pressure provided.	1750185
9/5/2012	9/5/2012	9/30/2012	LUBE-SPRA	LUBRICATE & MAINT. IRRIGATION SPRAY HE	NL-SH709-2	Spray Head #2, Valve Station #9	Sprayhead was greased. It does rotate with some force but doesn't freely spin. This nozzel is currently in service but does not rotate at the water pressure provided.	1750185
9/5/2012	9/5/2012	9/30/2012	LUBE-SPRA	LUBRICATE & MAINT. IRRIGATION SPRAY HE	NL-SH709-3	Spray Head #3, Valve Station #9	Sprayhead was greased. It does rotate with some force but doesn't freely spin. This nozzel is currently in service but does not rotate at the water pressure provided.	1750185
9/5/2012	9/5/2012	9/30/2012	LUBE-SPRA	LUBRICATE & MAINT. IRRIGATION SPRAY HE	NL-SH709-4	Spray Head #4, Valve Station #9	Sprayhead was greased. It does rotate with some force but doesn't freely spin. This nozzel is currently in service but does not rotate at the water pressure provided.	1750185
9/5/2012	9/5/2012	9/30/2012	LUBE-SPRA	LUBRICATE & MAINT. IRRIGATION SPRAY HE	NL-SH710-1	Spray Head #1, Valve Station #10	Sprayhead was greased. It does rotate with some force but doesn't freely spin. This nozzel is currently in service but does not rotate at the water pressure provided.	1750185
9/5/2012	9/5/2012	9/30/2012	LUBE-SPRA	LUBRICATE & MAINT. IRRIGATION SPRAY HE	NL-SH710-2	Spray Head #2, Valve Station #10	Sprayhead was greased. It does rotate with some force but doesn't freely spin. This nozzel is currently in service but does not rotate at the water pressure provided.	1750185
9/5/2012	9/5/2012	9/30/2012	LUBE-SPRA	LUBRICATE & MAINT. IRRIGATION SPRAY HE	NL-SH710-3	Spray Head #3, Valve Station #10	Sprayhead was greased. It does rotate with some force but doesn't freely spin. This nozzel is currently in service but does not rotate at the water pressure provided.	1750185
9/5/2012	9/5/2012	9/30/2012	LUBE-SPRA	LUBRICATE & MAINT. IRRIGATION SPRAY HE	NL-SH710-4	Spray Head #4, Valve Station #10	Sprayhead was greased. It does rotate with some force but doesn't freely spin. This nozzel is currently in service but does not rotate at the water pressure provided.	1750185
9/5/2012	9/5/2012	9/30/2012	LUBE-SPRA	LUBRICATE & MAINT. IRRIGATION SPRAY HE	NL-SH711-1	Spray Head #1, Valve Station #11	Sprayhead was greased. It does rotate with some force but doesn't freely spin. The present condition of the water distribution system doesn't allow for an actual flow test.	1750185
9/5/2012	9/5/2012	9/30/2012	LUBE-SPRA	LUBRICATE & MAINT. IRRIGATION SPRAY HE	NL-SH711-2	Spray Head #2, Valve Station #11	Sprayhead was greased. It does rotate with some force but doesn't freely spin. The present condition of the water distribution system doesn't allow for an actual flow test.	1750185
9/5/2012	9/5/2012	9/30/2012	LUBE-SPRA	LUBRICATE & MAINT. IRRIGATION SPRAY HE	NL-SH711-3	Spray Head #3, Valve Station #11	Sprayhead was greased. It does rotate with some force but doesn't freely spin. The present condition of the water distribution system doesn't allow for an actual flow test.	1750185
9/5/2012	9/5/2012	9/30/2012	LUBE-SPRA	LUBRICATE & MAINT. IRRIGATION SPRAY HE	NL-SH712-1	Spray Head #1, Valve Station #12	Sprayhead was greased. It does rotate with some force but doesn't freely spin. The present condition of the water distribution system doesn't allow for an actual flow test.	1750185
9/5/2012	9/5/2012	9/30/2012	LUBE-SPRA	LUBRICATE & MAINT. IRRIGATION SPRAY HE	NL-SH712-2	Spray Head #2, Valve Station #12	Sprayhead was greased. It does rotate with some force but doesn't freely spin. The present condition of the water distribution system doesn't allow for an actual flow test.	1750185
9/5/2012	9/5/2012	9/30/2012	LUBE-SPRA	LUBRICATE & MAINT. IRRIGATION SPRAY HE	NL-SH712-3	Spray Head #3, Valve Station #12	Sprayhead was greased. It does rotate with some force but doesn't freely spin. The present condition of the water distribution system doesn't allow for an actual flow test.	1750185
9/5/2012	9/5/2012	9/30/2012	LUBE-SPRA	LUBRICATE & MAINT. IRRIGATION SPRAY HE	NL-SH712-4	Spray Head #4, Valve Station #12	Sprayhead was greased. It does rotate with some force but doesn't freely spin. The present condition of the water distribution system doesn't allow for an actual flow test.	1750185
9/5/2012	9/5/2012	9/30/2012	LUBE-SPRA	LUBRICATE & MAINT. IRRIGATION SPRAY HE	NL-SH713-1	Spray Head #1, Valve Station #13	Sprayhead was greased. It does rotate with some force but doesn't freely spin. The present condition of the water distribution system doesn't allow for an actual flow test.	1750185
9/5/2012	9/5/2012	9/30/2012	LUBE-SPRA	LUBRICATE & MAINT. IRRIGATION SPRAY HE	NL-SH713-2	Spray Head #2, Valve Station #13	Sprayhead was greased. It does rotate with some force but doesn't freely spin. The present condition of the water distribution system doesn't allow for an actual flow test.	1750185
9/5/2012	9/5/2012	9/30/2012	LUBE-SPRA	LUBRICATE & MAINT. IRRIGATION SPRAY HE	NL-SH713-3	Spray Head #3, Valve Station #13	Sprayhead was greased. It does rotate with some force but doesn't freely spin. The present condition of the water distribution system doesn't allow for an actual flow test.	1750185
9/5/2012	9/5/2012	9/30/2012	LUBE-SPRA	LUBRICATE & MAINT. IRRIGATION SPRAY HE	NL-SH713-4	Spray Head #4, Valve Station #13	Sprayhead was greased. It does rotate with some force but doesn't freely spin. The present condition of the water distribution system doesn't allow for an actual flow test.	1750185
9/5/2012	9/5/2012	9/30/2012	LUBE-SPRA	LUBRICATE & MAINT. IRRIGATION SPRAY HE	NL-SH714-1	Spray Head #1, Valve Station #14	Sprayhead was greased. It does rotate with some force but doesn't freely spin. The present condition of the water	1750185

REPAIRED / REPLACED

EXHIBIT 'C'

Status Closed
Project Step 730 Spray Heads

Scheduled Start Date	Scheduled Finish Date	Completion Date	Task No.	Description	Equipment No.	Equipment Description	Text	WO No.
9/5/2012	9/5/2012	9/30/2012	LUBE-SPRA	LUBRICATE & MAINT. IRRIGATION SPRAY HE	NL-SH714-1	Spray Head #1, Valve Station #14	distribution system doesn't allow for an actual flow test.	1750185
9/5/2012	9/5/2012	9/30/2012	LUBE-SPRA	LUBRICATE & MAINT. IRRIGATION SPRAY HE	NL-SH714-2	Spray Head #2, Valve Station #14	Sprayhead was greased. It does rotate with some force but doesn't freely spin. The present condition of the water distribution system doesn't allow for an actual flow test.	1750185
9/5/2012	9/5/2012	9/30/2012	LUBE-SPRA	LUBRICATE & MAINT. IRRIGATION SPRAY HE	NL-SH714-3	Spray Head #3, Valve Station #14	Sprayhead was greased. It does rotate with some force but doesn't freely spin. The present condition of the water distribution system doesn't allow for an actual flow test.	1750185
9/5/2012	9/5/2012	9/30/2012	LUBE-SPRA	LUBRICATE & MAINT. IRRIGATION SPRAY HE	NL-SH714-4	Spray Head #4, Valve Station #14	Sprayhead was greased. It does rotate with some force but doesn't freely spin. The present condition of the water distribution system doesn't allow for an actual flow test.	1750185
9/5/2012	9/5/2012	9/30/2012	LUBE-SPRA	LUBRICATE & MAINT. IRRIGATION SPRAY HE	NL-SH715-1	Spray Head #1, Valve Station #15	Sprayhead was greased. It does rotate with some force but doesn't freely spin. The present condition of the water distribution system doesn't allow for an actual flow test.	1750185
9/5/2012	9/5/2012	9/30/2012	LUBE-SPRA	LUBRICATE & MAINT. IRRIGATION SPRAY HE	NL-SH715-2	Spray Head #2, Valve Station #15	Sprayhead was greased. It does rotate with some force but doesn't freely spin. The present condition of the water distribution system doesn't allow for an actual flow test.	1750185
9/5/2012	9/5/2012	9/30/2012	LUBE-SPRA	LUBRICATE & MAINT. IRRIGATION SPRAY HE	NL-SH715-3	Spray Head #3, Valve Station #15	Sprayhead was greased. It does rotate with some force but doesn't freely spin. The present condition of the water distribution system doesn't allow for an actual flow test.	1750185
9/5/2012	9/5/2012	9/30/2012	LUBE-SPRA	LUBRICATE & MAINT. IRRIGATION SPRAY HE	NL-SH715-4	Spray Head #4, Valve Station #15	Sprayhead was greased. It does rotate with some force but doesn't freely spin. The present condition of the water distribution system doesn't allow for an actual flow test.	1750185
9/5/2012	9/5/2012	9/30/2012	LUBE-SPRA	LUBRICATE & MAINT. IRRIGATION SPRAY HE	NL-SH716-1	Spray Head #1, Valve Station #16	Sprayhead was greased. It does rotate with some force but doesn't freely spin. The present condition of the water distribution system doesn't allow for an actual flow test.	1750185
9/5/2012	9/5/2012	9/30/2012	LUBE-SPRA	LUBRICATE & MAINT. IRRIGATION SPRAY HE	NL-SH716-2	Spray Head #2, Valve Station #16	Sprayhead was greased. It does rotate with some force but doesn't freely spin. The present condition of the water distribution system doesn't allow for an actual flow test.	1750185
9/5/2012	9/5/2012	9/30/2012	LUBE-SPRA	LUBRICATE & MAINT. IRRIGATION SPRAY HE	NL-SH716-3	Spray Head #3, Valve Station #16	Sprayhead was greased. It does rotate with some force but doesn't freely spin. The present condition of the water distribution system doesn't allow for an actual flow test.	1750185
9/5/2012	9/5/2012	9/30/2012	LUBE-SPRA	LUBRICATE & MAINT. IRRIGATION SPRAY HE	NL-SH716-4	Spray Head #4, Valve Station #16	Sprayhead was greased. It does rotate with some force but doesn't freely spin. The present condition of the water distribution system doesn't allow for an actual flow test.	1750185
9/5/2012	9/5/2012	9/30/2012	LUBE-SPRA	LUBRICATE & MAINT. IRRIGATION SPRAY HE	NL-SH717-1	Spray Head #1, Valve Station #17	Sprayhead was greased. It does rotate with some force but doesn't freely spin. The present condition of the water distribution system doesn't allow for an actual flow test.	1750185
9/5/2012	9/5/2012	9/30/2012	LUBE-SPRA	LUBRICATE & MAINT. IRRIGATION SPRAY HE	NL-SH717-2	Spray Head #2, Valve Station #17	Sprayhead was greased. It does rotate with some force but doesn't freely spin. The present condition of the water distribution system doesn't allow for an actual flow test.	1750185
9/5/2012	9/5/2012	9/30/2012	LUBE-SPRA	LUBRICATE & MAINT. IRRIGATION SPRAY HE	NL-SH717-3	Spray Head #3, Valve Station #17	Sprayhead was greased. It does rotate with some force but doesn't freely spin. The present condition of the water distribution system doesn't allow for an actual flow test.	1750185
9/5/2012	9/5/2012	9/30/2012	LUBE-SPRA	LUBRICATE & MAINT. IRRIGATION SPRAY HE	NL-SH717-4	Spray Head #4, Valve Station #17	Sprayhead was greased. It does rotate with some force but doesn't freely spin. The present condition of the water distribution system doesn't allow for an actual flow test.	1750185
9/5/2012	9/5/2012	9/30/2012	LUBE-SPRA	LUBRICATE & MAINT. IRRIGATION SPRAY HE	NL-SH718-1	Spray Head #1, Valve Station #18	Sprayhead was greased. It does rotate with some force but doesn't freely spin. This nozzel is currently in service but does not rotate at the water pressure provided.	1750185
9/5/2012	9/5/2012	9/30/2012	LUBE-SPRA	LUBRICATE & MAINT. IRRIGATION SPRAY HE	NL-SH718-2	Spray Head #2, Valve Station #18	Sprayhead was greased. It does rotate with some force but doesn't freely spin. This nozzel is currently in service but does not rotate at the water pressure provided.	1750185
9/5/2012	9/5/2012	9/30/2012	LUBE-SPRA	LUBRICATE & MAINT. IRRIGATION SPRAY HE	NL-SH718-3	Spray Head #3, Valve Station #18	Sprayhead was greased. It does rotate with some force but doesn't freely spin. This nozzel is currently in service but does not rotate at the water pressure provided.	1750185
9/5/2012	9/5/2012	9/30/2012	LUBE-SPRA	LUBRICATE & MAINT. IRRIGATION SPRAY HE	NL-SH718-4	Spray Head #4, Valve Station #18	Sprayhead was greased. It does rotate with some force but doesn't freely spin. This nozzel is currently in service but does not rotate at the water pressure provided.	1750185
9/5/2012	9/5/2012	9/30/2012	LUBE-SPRA	LUBRICATE & MAINT. IRRIGATION SPRAY HE	NL-SH719-1	Spray Head #1, Valve Station #19	Sprayhead was greased. It does rotate with some force but doesn't freely spin. This nozzel is currently in service but does not rotate at the water pressure provided.	1750185
9/5/2012	9/5/2012	9/30/2012	LUBE-SPRA	LUBRICATE & MAINT. IRRIGATION SPRAY HE	NL-SH719-2	Spray Head #2, Valve Station #19	Sprayhead was greased. It does rotate with some force but doesn't freely spin. This nozzel is currently in service but does not rotate at the water pressure provided.	1750185
9/5/2012	9/5/2012	9/30/2012	LUBE-SPRA	LUBRICATE & MAINT. IRRIGATION SPRAY HE	NL-SH719-3	Spray Head #3, Valve Station #19	Sprayhead was greased. It does rotate with some force but doesn't freely spin. This nozzel is currently in service but does not rotate at the water pressure provided.	1750185
9/5/2012	9/5/2012	9/30/2012	LUBE-SPRA	LUBRICATE & MAINT. IRRIGATION SPRAY HE	NL-SH719-4	Spray Head #4, Valve Station #19	Sprayhead was greased. It does rotate with some force but doesn't freely spin. This nozzel is currently in service but does not rotate at the water pressure provided.	1750185
9/5/2012	9/5/2012	9/30/2012	LUBE-SPRA	LUBRICATE & MAINT. IRRIGATION SPRAY HE	NL-SH720-1	Spray Head #1, Valve Station #20	Sprayhead was greased. It does rotate with some force but doesn't freely spin. The present condition of the water distribution system doesn't allow for an actual flow test.	1750185
9/5/2012	9/5/2012	9/30/2012	LUBE-SPRA	LUBRICATE & MAINT. IRRIGATION SPRAY HE	NL-SH720-2	Spray Head #2, Valve Station #20	Sprayhead was greased. It does rotate with some force but doesn't freely spin. The present condition of the water distribution system doesn't allow for an actual flow test.	1750185
9/5/2012	9/5/2012	9/30/2012	LUBE-SPRA	LUBRICATE & MAINT. IRRIGATION SPRAY HE	NL-SH720-3	Spray Head #3, Valve Station #20	Sprayhead was greased. It does rotate with some force but doesn't freely spin. The present condition of the water distribution system doesn't allow for an actual flow test.	1750185
9/5/2012	9/5/2012	9/30/2012	LUBE-SPRA	LUBRICATE & MAINT. IRRIGATION SPRAY HE	NL-SH720-4	Spray Head #4, Valve Station #20	Sprayhead was greased. It does rotate with some force but doesn't freely spin. The present condition of the water distribution system doesn't allow for an actual flow test.	1750185
9/5/2012	9/5/2012	9/30/2012	LUBE-SPRA	LUBRICATE & MAINT. IRRIGATION SPRAY HE	NL-SH721-1	Spray Head #1, Valve Station #21	Sprayhead was greased. It does rotate with some force but doesn't freely spin. The present condition of the water distribution system doesn't allow for an actual flow test.	1750185
9/5/2012	9/5/2012	9/30/2012	LUBE-SPRA	LUBRICATE & MAINT. IRRIGATION SPRAY HE	NL-SH721-2	Spray Head #2, Valve Station #21	Sprayhead was greased. It does rotate with some force but doesn't freely spin. The present condition of the water distribution system doesn't allow for an actual flow test.	1750185
9/5/2012	9/5/2012	9/30/2012	LUBE-SPRA	LUBRICATE & MAINT. IRRIGATION SPRAY HE	NL-SH721-3	Spray Head #3, Valve Station #21	Sprayhead was greased. It does rotate with some force but doesn't freely spin. The present condition of the water distribution system doesn't allow for an actual flow test.	1750185
9/5/2012	9/5/2012	9/30/2012	LUBE-SPRA	LUBRICATE & MAINT. IRRIGATION SPRAY HE	NL-SH721-4	Spray Head #4, Valve Station #21	Sprayhead was greased. It does rotate with some force but doesn't freely spin. The present condition of the water distribution system doesn't allow for an actual flow test.	1750185
9/5/2012	9/5/2012	9/30/2012	LUBE-SPRA	LUBRICATE & MAINT. IRRIGATION SPRAY HE	NL-SH722-1	Spray Head #1, Valve Station #22	Sprayhead was greased. It does rotate with some force but doesn't freely spin. The present condition of the water distribution system doesn't allow for an actual flow test.	1750185

REPAIRED/REPLACED

EXHIBIT 'C'

Status Closed
Project Step 730 Spray Heads

Scheduled Start Date	Scheduled Finish Date	Completion Date	Task No.	Description	Equipment No.	Equipment Description	Text	WO No.
9/5/2012	9/5/2012	9/30/2012	LUBE-SPRA	LUBRICATE & MAINT. IRRIGATION SPRAY HE	NL-SH722-2	Spray Head #2, Valve Station #22	Sprayhead was greased. It does rotate with some force but doesn't freely spin. The present condition of the water distribution system doesn't allow for an actual flow test.	1750185
9/5/2012	9/5/2012	9/30/2012	LUBE-SPRA	LUBRICATE & MAINT. IRRIGATION SPRAY HE	NL-SH722-3	Spray Head #3, Valve Station #22	Sprayhead was greased. It does rotate with some force but doesn't freely spin. The present condition of the water distribution system doesn't allow for an actual flow test.	1750185
9/5/2012	9/5/2012	9/30/2012	LUBE-SPRA	LUBRICATE & MAINT. IRRIGATION SPRAY HE	NL-SH722-4	Spray Head #4, Valve Station #22	Sprayhead was greased. It does rotate with some force but doesn't freely spin. The present condition of the water distribution system doesn't allow for an actual flow test.	1750185
9/5/2012	9/5/2012	9/30/2012	LUBE-SPRA	LUBRICATE & MAINT. IRRIGATION SPRAY HE	NL-SH723-1	Spray Head #1, Valve Station #23	Sprayhead was greased. It does rotate with some force but doesn't freely spin. The present condition of the water distribution system doesn't allow for an actual flow test.	1750185
9/5/2012	9/5/2012	9/30/2012	LUBE-SPRA	LUBRICATE & MAINT. IRRIGATION SPRAY HE	NL-SH723-2	Spray Head #2, Valve Station #23	Sprayhead was greased. It does rotate with some force but doesn't freely spin. The present condition of the water distribution system doesn't allow for an actual flow test.	1750185
9/5/2012	9/5/2012	9/30/2012	LUBE-SPRA	LUBRICATE & MAINT. IRRIGATION SPRAY HE	NL-SH723-3	Spray Head #3, Valve Station #23	Sprayhead was greased. It does rotate with some force but doesn't freely spin. The present condition of the water distribution system doesn't allow for an actual flow test.	1750185
9/5/2012	9/5/2012	9/30/2012	LUBE-SPRA	LUBRICATE & MAINT. IRRIGATION SPRAY HE	NL-SH723-4	Spray Head #4, Valve Station #23	Sprayhead was greased. It does rotate with some force but doesn't freely spin. The present condition of the water distribution system doesn't allow for an actual flow test.	1750185
9/5/2012	9/5/2012	9/30/2012	LUBE-SPRA	LUBRICATE & MAINT. IRRIGATION SPRAY HE	NL-SH724-1	Spray Head #1, Valve Station #24	Sprayhead was greased. It does rotate with some force but doesn't freely spin. The present condition of the water distribution system doesn't allow for an actual flow test.	1750185
9/5/2012	9/5/2012	9/30/2012	LUBE-SPRA	LUBRICATE & MAINT. IRRIGATION SPRAY HE	NL-SH724-2	Spray Head #2, Valve Station #24	Sprayhead was greased. It does rotate with some force but doesn't freely spin. The present condition of the water distribution system doesn't allow for an actual flow test.	1750185
9/5/2012	9/5/2012	9/30/2012	LUBE-SPRA	LUBRICATE & MAINT. IRRIGATION SPRAY HE	NL-SH724-3	Spray Head #3, Valve Station #24	Sprayhead was greased. It does rotate with some force but doesn't freely spin. The present condition of the water distribution system doesn't allow for an actual flow test.	1750185
9/5/2012	9/5/2012	9/30/2012	LUBE-SPRA	LUBRICATE & MAINT. IRRIGATION SPRAY HE	NL-SH724-4	Spray Head #4, Valve Station #24	Sprayhead was greased. It does rotate with some force but doesn't freely spin. The present condition of the water distribution system doesn't allow for an actual flow test.	1750185
9/5/2012	9/5/2012	9/30/2012	LUBE-SPRA	LUBRICATE & MAINT. IRRIGATION SPRAY HE	NL-SH725-1	Spray Head #1, Valve Station #25	Sprayhead was greased. It does rotate with some force but doesn't freely spin. The present condition of the water distribution system doesn't allow for an actual flow test.	1750185
9/5/2012	9/5/2012	9/30/2012	LUBE-SPRA	LUBRICATE & MAINT. IRRIGATION SPRAY HE	NL-SH725-2	Spray Head #2, Valve Station #25	Sprayhead was greased. It does rotate with some force but doesn't freely spin. The present condition of the water distribution system doesn't allow for an actual flow test.	1750185
9/5/2012	9/5/2012	9/30/2012	LUBE-SPRA	LUBRICATE & MAINT. IRRIGATION SPRAY HE	NL-SH725-3	Spray Head #3, Valve Station #25	Sprayhead was greased. It does rotate with some force but doesn't freely spin. The present condition of the water distribution system doesn't allow for an actual flow test.	1750185
9/5/2012	9/5/2012	9/30/2012	LUBE-SPRA	LUBRICATE & MAINT. IRRIGATION SPRAY HE	NL-SH725-4	Spray Head #4, Valve Station #25	Sprayhead was greased. It does rotate with some force but doesn't freely spin. The present condition of the water distribution system doesn't allow for an actual flow test.	1750185
9/5/2012	9/5/2012	9/30/2012	LUBE-SPRA	LUBRICATE & MAINT. IRRIGATION SPRAY HE	NL-SH726-1	Spray Head #1, Valve Station #26	Sprayhead was greased. It does rotate with some force but doesn't freely spin. The present condition of the water distribution system doesn't allow for an actual flow test.	1750185
9/5/2012	9/5/2012	9/30/2012	LUBE-SPRA	LUBRICATE & MAINT. IRRIGATION SPRAY HE	NL-SH726-2	Spray Head #2, Valve Station #26	Sprayhead was greased. It does rotate with some force but doesn't freely spin. The present condition of the water distribution system doesn't allow for an actual flow test.	1750185
9/5/2012	9/5/2012	9/30/2012	LUBE-SPRA	LUBRICATE & MAINT. IRRIGATION SPRAY HE	NL-SH726-3	Spray Head #3, Valve Station #26	Sprayhead was greased. It does rotate with some force but doesn't freely spin. The present condition of the water distribution system doesn't allow for an actual flow test.	1750185
9/5/2012	9/5/2012	9/30/2012	LUBE-SPRA	LUBRICATE & MAINT. IRRIGATION SPRAY HE	NL-SH726-4	Spray Head #4, Valve Station #26	Sprayhead was greased. It does rotate with some force but doesn't freely spin. The present condition of the water distribution system doesn't allow for an actual flow test.	1750185
9/5/2012	9/5/2012	9/30/2012	LUBE-SPRA	LUBRICATE & MAINT. IRRIGATION SPRAY HE	NL-SH727-1	Spray Head #1, Valve Station #27	Sprayhead was greased. It does rotate with some force but doesn't freely spin. The present condition of the water distribution system doesn't allow for an actual flow test.	1750185
9/5/2012	9/5/2012	9/30/2012	LUBE-SPRA	LUBRICATE & MAINT. IRRIGATION SPRAY HE	NL-SH727-2	Spray Head #2, Valve Station #27	Sprayhead was greased. It does rotate with some force but doesn't freely spin. The present condition of the water distribution system doesn't allow for an actual flow test.	1750185
9/5/2012	9/5/2012	9/30/2012	LUBE-SPRA	LUBRICATE & MAINT. IRRIGATION SPRAY HE	NL-SH727-3	Spray Head #3, Valve Station #27	Sprayhead was greased. It does rotate with some force but doesn't freely spin. The present condition of the water distribution system doesn't allow for an actual flow test.	1750185
9/5/2012	9/5/2012	9/30/2012	LUBE-SPRA	LUBRICATE & MAINT. IRRIGATION SPRAY HE	NL-SH727-4	Spray Head #4, Valve Station #27	Sprayhead was greased. It does rotate with some force but doesn't freely spin. The present condition of the water distribution system doesn't allow for an actual flow test.	1750185
9/5/2012	9/5/2012	9/30/2012	LUBE-SPRA	LUBRICATE & MAINT. IRRIGATION SPRAY HE	NL-SH728-1	Spray Head #1, Valve Station #28	Sprayhead was greased. It does rotate with some force but doesn't freely spin. The present condition of the water distribution system doesn't allow for an actual flow test.	1750185
9/5/2012	9/5/2012	9/30/2012	LUBE-SPRA	LUBRICATE & MAINT. IRRIGATION SPRAY HE	NL-SH728-2	Spray Head #2, Valve Station #28	Sprayhead was greased. It does rotate with some force but doesn't freely spin. The present condition of the water distribution system doesn't allow for an actual flow test.	1750185
9/5/2012	9/5/2012	9/30/2012	LUBE-SPRA	LUBRICATE & MAINT. IRRIGATION SPRAY HE	NL-SH728-3	Spray Head #3, Valve Station #28	Sprayhead was greased. It does rotate with some force but doesn't freely spin. The present condition of the water distribution system doesn't allow for an actual flow test.	1750185
9/5/2012	9/5/2012	9/30/2012	LUBE-SPRA	LUBRICATE & MAINT. IRRIGATION SPRAY HE	NL-SH728-4	Spray Head #4, Valve Station #28	Sprayhead was greased. It does rotate with some force but doesn't freely spin. The present condition of the water distribution system doesn't allow for an actual flow test.	1750185

Status Closed
Project Step 841 Leach Ret MCC

Scheduled Start Date	Scheduled Finish Date	Completion Date	Task No.	Description	Equipment No.	Equipment Description	Text	WO No.
5/30/2012	6/15/2012	7/6/2012	T/S-REPAIR	TROUBLESHOOT & REPAIR/REPLACE	NL-MCC830	Leachate Retrun Motor Control Panel	Station does not operate in "auto". Cannot turn on emergency circuit breaker. Problem was identified with control voltage component. Control voltage was by-passed and fed from external source to allow operation but still in "hand".	1750029
10/17/2013	10/17/2013	10/17/2013	CHCK-EQUI	CHECK EQUIPMENT OPERATION	NL-LS831	Leachate Pump Station Low Float Switch (1FLS)	Using a continuity tester at the control panel, check float switch/wire operation. Disconnected wires from terminal board at MCC. Using multimeter monitored continuity while float was lifted from the wet well and moved from on to off several times. Switch is good some permanent curvature in the wire not enough to affect operation.	1750213
10/17/2013	10/17/2013	10/17/2013	CHCK-EQUI	CHECK EQUIPMENT OPERATION	NL-LS832	Leachate Pump Station Off Float Switch (2FLS)	Using a continuity tester at the control panel, check float switch/wire operation. Disconnected wires from terminal board at MCC. Using multimeter monitored continuity while float was lifted from the wet well and moved from on to	1750213

REPAIRED / REPLACED.

EXHIBIT 'C'

Status Closed
Project Step 841 Leach Ret MCC

Scheduled Start Date	Scheduled Finish Date	Completion Date	Task No.	Description	Equipment No.	Equipment Description	Text	WO No.
10/17/2013	10/17/2013	10/17/2013	CHCK-EQUI	CHECK EQUIPMENT OPERATION	NL-LS832	Leachate Pump Station Off Float Switch (2FLS)	off several times. Switch is good some permanent curvature in the wire not enough to affect operation.	1750213
10/17/2013	10/17/2013	10/17/2013	CHCK-EQUI	CHECK EQUIPMENT OPERATION	NL-LS833	Leachate Pump Station Lead Float Switch (3FLS)	Using a continuity tester at the control panel, check float switch/wire operation. Disconnected wires from terminal board at MCC. Using multimeter monitored continuity while float was lifted from the wet well and moved from on to off several times. Switch is good some permanent curvature in the wire not enough to affect operation.	1750213
10/17/2013	10/17/2013	10/17/2013	CHCK-EQUI	CHECK EQUIPMENT OPERATION	NL-LS834	Leachate Pump Station LagFloat Switch (4FLS)	Using a continuity tester at the control panel, check float switch/wire operation. Disconnected wires from terminal board at MCC. Using multimeter monitored continuity while float was lifted from the wet well and moved from on to off several times. Switch is good some permanent curvature in the wire not enough to affect operation.	1750213
10/17/2013	10/17/2013	10/17/2013	CHCK-EQUI	CHECK EQUIPMENT OPERATION	NL-LS835	Leachate Pump Station Alarm Float Switch (5FLS)	Using a continuity tester at the control panel, check float switch/wire operation. Disconnected wires from terminal board at MCC. Using multimeter monitored continuity while float was lifted from the wet well and moved from on to off several times. Switch is good some permanent curvature in the wire not enough to affect operation.	1750213

REPAIRED / REPLACED

Status Open
Project Step 350 De-nit Control

Scheduled Start Date	Scheduled Finish Date	Completion Date	Task No.	Description	Equipment No.	Equipment Description	Text	WO No.
11/11/2013	11/15/2013		CHCK-EQUI	CHECK EQUIPMENT OPERATION	NL-LS311	Denitri. Filter Cell #1 Emer. B/W Float Switch	Using a continuity tester at the control panel, check float switch/wire operation.	1750211
11/11/2013	11/15/2013		CHCK-EQUI	CHECK EQUIPMENT OPERATION	NL-LS312	Denitri. Filter Cell #2 Emer. B/W Float Switch	Using a continuity tester at the control panel, check float switch/wire operation.	1750211
11/11/2013	11/15/2013		CHCK-EQUI	CHECK EQUIPMENT OPERATION	NL-LS313	Denitri. Filter Cell #3 Emer. B/W Float Switch	Check float switch operation. Using a continuity tester at the control panel, check float switch/wire operation.	1750211
11/11/2013	11/15/2013		CHCK-EQUI	CHECK EQUIPMENT OPERATION	NL-LS314	Denitri. Filter Cell #4 Emer. B/W Float Switch	Check float switch operation. Using a continuity tester at the control panel, check float switch/wire operation.	1750211
11/11/2013	11/15/2013		CHCK-EQUI	CHECK EQUIPMENT OPERATION	NL-LS321	Denitri. Backwash Pumps Off Float Switch	Check float switch operation. Using a continuity tester at the control panel, check float switch/wire operation.	1750211
11/11/2013	11/15/2013		CHCK-EQUI	CHECK EQUIPMENT OPERATION	NL-LS322	Denitri. Backwash Start Level Float Switch	Check float switch operation. Using a continuity tester at the control panel, check float switch/wire operation.	1750211
11/11/2013	11/15/2013		CHCK-EQUI	CHECK EQUIPMENT OPERATION	NL-LS331	Denitri. Waste Sump Pumps Off Float Switch	Check float switch operation. Using a continuity tester at the control panel, check float switch/wire operation.	1750211
11/11/2013	11/15/2013		CHCK-EQUI	CHECK EQUIPMENT OPERATION	NL-LS332	Denitri. Waste Sump Lead Pump On Float Switch	Check float switch operation. Using a continuity tester at the control panel, check float switch/wire operation.	1750211
11/11/2013	11/15/2013		CHCK-EQUI	CHECK EQUIPMENT OPERATION	NL-LS333	Denitri. Waste Sump Lag Pump On Float Switch	Check float switch operation. Using a continuity tester at the control panel, check float switch/wire operation.	1750211
11/15/2013	11/22/2013		CHCK-EQUI	CHECK EQUIPMENT OPERATION	NL-LS322	Denitri. Min. Backwash Start Level Float Switch	Using a continuity tester at the control panel, check float switch/wire operation.	1750210
11/15/2013	11/22/2013		CHCK-EQUI	CHECK EQUIPMENT OPERATION	NL-LS333	Denitri. Waste Sump Lag Pump On Float Switch	Using a continuity tester at the control panel, check float switch/wire operation.	1750210
11/29/2013	12/13/2013		REPLACE-E	REPLACE EQUIPMENT	NL-LS311	Denitri. Filter Cell #1 Emer. B/W Float Switch	Replace de-nitrification float switches as needed based on control checks.	1750212
11/29/2013	12/13/2013		REPLACE-E	REPLACE EQUIPMENT	NL-LS312	Denitri. Filter Cell #2 Emer. B/W Float Switch	Replace de-nitrification float switches as needed based on control checks.	1750212
11/29/2013	12/13/2013		REPLACE-E	REPLACE EQUIPMENT	NL-LS313	Denitri. Filter Cell #3 Emer. B/W Float Switch	Replace de-nitrification float switches as needed based on control checks.	1750212
11/29/2013	12/13/2013		REPLACE-E	REPLACE EQUIPMENT	NL-LS314	Denitri. Filter Cell #4 Emer. B/W Float Switch	Replace de-nitrification float switches as needed based on control checks.	1750212
11/29/2013	12/13/2013		REPLACE-E	REPLACE EQUIPMENT	NL-LS321	Denitri. Backwash Pumps Off Float Switch	Replace de-nitrification float switches as needed based on control checks.	1750212
11/29/2013	12/13/2013		REPLACE-E	REPLACE EQUIPMENT	NL-LS322	Denitri. Backwash Start Level Float Switch	Replace de-nitrification float switches as needed based on control checks.	1750212
11/29/2013	12/13/2013		REPLACE-E	REPLACE EQUIPMENT	NL-LS331	Denitri. Waste Sump Pumps Off Float Switch	Replace de-nitrification float switches as needed based on control checks.	1750212
11/29/2013	12/13/2013		REPLACE-E	REPLACE EQUIPMENT	NL-LS332	Denitri. Waste Sump Lead Pump On Float Switch	Replace de-nitrification float switches as needed based on control checks.	1750212
11/29/2013	12/13/2013		REPLACE-E	REPLACE EQUIPMENT	NL-LS333	Denitri. Waste Sump Lag Pump On Float Switch	Replace de-nitrification float switches as needed based on control checks.	1750212

Status Open
Project Step 520 UV Ctl. Panel

Scheduled Start Date	Scheduled Finish Date	Completion Date	Task No.	Description	Equipment No.	Equipment Description	Text	WO No.
11/11/2013	11/29/2013		T/S-REPAIR	TROUBLESHOOT & REPAIR/REPLACE	NL-PCC500	UV System Process Control Cabinet	Troubleshoot and repair controls for the remaining two UV Modules that are not operational.	1750235

Status Open
Project Step 530 UV Modules

Scheduled Start Date	Scheduled Finish Date	Completion Date	Task No.	Description	Equipment No.	Equipment Description	Text	WO No.
11/11/2013	11/29/2013		T/S-REPAIR	TROUBLESHOOT & REPAIR/REPLACE	NL-MODULE52	UV Module #2 Channel #2	Make necessary repairs and install module.	1750236
11/11/2013	11/29/2013		T/S-REPAIR	TROUBLESHOOT & REPAIR/REPLACE	NL-MODULE52	UV Module #3 Channel #2	Make necessary repairs and install module.	1750236

Status Open
Project Step 612 Eff Valve Pit

Scheduled Start Date	Scheduled Finish Date	Completion Date	Task No.	Description	Equipment No.	Equipment Description	Text	WO No.
11/5/2013	12/2/2013		T/S-REPAIR	TROUBLESHOOT & REPAIR/REPLACE	NL-ARVV601	Pant Effluent Pump #1 Air Release Valve	Repair or replace leaking valve.	1750237
11/5/2013	12/2/2013		T/S-REPAIR	TROUBLESHOOT & REPAIR/REPLACE	NL-ARVV602	Plant Effluent Pump #2 Air Release Valve	Repair or replace leaking valve.	1750237

NEEDS REPAIR / REPLACEMENT

Status Open
Project Step 730 Spray Heads

Scheduled Start Date	Scheduled Finish Date	Completion Date	Task No.	Description	Equipment No.	Equipment Description	Text	WO No.
11/4/2013	12/6/2013		CHCK-EQUI	CHECK EQUIPMENT OPERATION	NL-SH701-1	Spray Head #1, Valve Station #1	When water pressure is available check spray head operation with one, two or for zones ON.	1750233
11/4/2013	12/6/2013		CHCK-EQUI	CHECK EQUIPMENT OPERATION	NL-SH701-2	Spray Head #2, Valve Station #1	When water pressure is available check spray head operation with one, two or for zones ON.	1750233
11/4/2013	12/6/2013		CHCK-EQUI	CHECK EQUIPMENT OPERATION	NL-SH701-3	Spray Head #3, Valve Station #1	When water pressure is available check spray head operation with one, two or for zones ON.	1750233

Repaired / Replaced.

EXHIBIT 'C'

Status Open
Project Step 730 Spray Heads

Scheduled Start Date	Scheduled Finish Date	Completion Date	Task No.	Description	Equipment No.	Equipment Description	Text	WO No.
11/4/2013	12/6/2013		CHCK-EQUI	CHECK EQUIPMENT OPERATION	NL-SH701-4	Spray Head #4, Valve Station #1	When water pressure is available check spray head operation with one, two or for zones ON.	1750233
11/4/2013	12/6/2013		CHCK-EQUI	CHECK EQUIPMENT OPERATION	NL-SH702-1	Spray Head #1, Valve Station #2	When water pressure is available check spray head operation with one, two or for zones ON.	1750233
11/4/2013	12/6/2013		CHCK-EQUI	CHECK EQUIPMENT OPERATION	NL-SH702-2	Spray Head #2, Valve Station #2	When water pressure is available check spray head operation with one, two or for zones ON.	1750233
11/4/2013	12/6/2013		CHCK-EQUI	CHECK EQUIPMENT OPERATION	NL-SH702-3	Spray Head #3, Valve Station #2	When water pressure is available check spray head operation with one, two or for zones ON.	1750233
11/4/2013	12/6/2013		CHCK-EQUI	CHECK EQUIPMENT OPERATION	NL-SH702-4	Spray Head #4, Valve Station #2	When water pressure is available check spray head operation with one, two or for zones ON.	1750233
11/4/2013	12/6/2013		CHCK-EQUI	CHECK EQUIPMENT OPERATION	NL-SH703-1	Spray Head #1, Valve Station #3	When water pressure is available check spray head operation with one, two or for zones ON.	1750233
11/4/2013	12/6/2013		CHCK-EQUI	CHECK EQUIPMENT OPERATION	NL-SH703-2	Spray Head #2, Valve Station #3	When water pressure is available check spray head operation with one, two or for zones ON.	1750233
11/4/2013	12/6/2013		CHCK-EQUI	CHECK EQUIPMENT OPERATION	NL-SH703-3	Spray Head #3, Valve Station #3	When water pressure is available check spray head operation with one, two or for zones ON.	1750233
11/4/2013	12/6/2013		CHCK-EQUI	CHECK EQUIPMENT OPERATION	NL-SH703-4	Spray Head #4, Valve Station #3	When water pressure is available check spray head operation with one, two or for zones ON.	1750233
11/4/2013	12/6/2013		CHCK-EQUI	CHECK EQUIPMENT OPERATION	NL-SH704-1	Spray Head #1, Valve Station #4	When water pressure is available check spray head operation with one, two or for zones ON.	1750233
11/4/2013	12/6/2013		CHCK-EQUI	CHECK EQUIPMENT OPERATION	NL-SH704-2	Spray Head #2, Valve Station #4	When water pressure is available check spray head operation with one, two or for zones ON.	1750233
11/4/2013	12/6/2013		CHCK-EQUI	CHECK EQUIPMENT OPERATION	NL-SH704-3	Spray Head #3, Valve Station #4	When water pressure is available check spray head operation with one, two or for zones ON.	1750233
11/4/2013	12/6/2013		CHCK-EQUI	CHECK EQUIPMENT OPERATION	NL-SH704-4	Spray Head #4, Valve Station #4	When water pressure is available check spray head operation with one, two or for zones ON.	1750233
11/4/2013	12/6/2013		CHCK-EQUI	CHECK EQUIPMENT OPERATION	NL-SH705-1	Spray Head #1, Valve Station #5	When water pressure is available check spray head operation with one, two or for zones ON.	1750233
11/4/2013	12/6/2013		CHCK-EQUI	CHECK EQUIPMENT OPERATION	NL-SH705-2	Spray Head #2, Valve Station #5	When water pressure is available check spray head operation with one, two or for zones ON.	1750233
11/4/2013	12/6/2013		CHCK-EQUI	CHECK EQUIPMENT OPERATION	NL-SH705-3	Spray Head #3, Valve Station #5	When water pressure is available check spray head operation with one, two or for zones ON.	1750233
11/4/2013	12/6/2013		CHCK-EQUI	CHECK EQUIPMENT OPERATION	NL-SH705-4	Spray Head #4, Valve Station #5	When water pressure is available check spray head operation with one, two or for zones ON.	1750233
11/4/2013	12/6/2013		CHCK-EQUI	CHECK EQUIPMENT OPERATION	NL-SH706-1	Spray Head #1, Valve Station #6	When water pressure is available check spray head operation with one, two or for zones ON.	1750233
11/4/2013	12/6/2013		CHCK-EQUI	CHECK EQUIPMENT OPERATION	NL-SH706-2	Spray Head #2, Valve Station #6	When water pressure is available check spray head operation with one, two or for zones ON.	1750233
11/4/2013	12/6/2013		CHCK-EQUI	CHECK EQUIPMENT OPERATION	NL-SH706-3	Spray Head #3, Valve Station #6	When water pressure is available check spray head operation with one, two or for zones ON.	1750233
11/4/2013	12/6/2013		CHCK-EQUI	CHECK EQUIPMENT OPERATION	NL-SH706-4	Spray Head #4, Valve Station #6	When water pressure is available check spray head operation with one, two or for zones ON.	1750233
11/4/2013	12/6/2013		CHCK-EQUI	CHECK EQUIPMENT OPERATION	NL-SH707-1	Spray Head #1, Valve Station #7	When water pressure is available check spray head operation with one, two or for zones ON.	1750233
11/4/2013	12/6/2013		CHCK-EQUI	CHECK EQUIPMENT OPERATION	NL-SH707-2	Spray Head #2, Valve Station #7	When water pressure is available check spray head operation with one, two or for zones ON.	1750233
11/4/2013	12/6/2013		CHCK-EQUI	CHECK EQUIPMENT OPERATION	NL-SH707-3	Spray Head #3, Valve Station #7	When water pressure is available check spray head operation with one, two or for zones ON.	1750233
11/4/2013	12/6/2013		CHCK-EQUI	CHECK EQUIPMENT OPERATION	NL-SH707-4	Spray Head #4, Valve Station #7	When water pressure is available check spray head operation with one, two or for zones ON.	1750233
11/4/2013	12/6/2013		CHCK-EQUI	CHECK EQUIPMENT OPERATION	NL-SH708-1	Spray Head #1, Valve Station #8	When water pressure is available check spray head operation with one, two or for zones ON.	1750233
11/4/2013	12/6/2013		CHCK-EQUI	CHECK EQUIPMENT OPERATION	NL-SH708-2	Spray Head #2, Valve Station #8	When water pressure is available check spray head operation with one, two or for zones ON.	1750233
11/4/2013	12/6/2013		CHCK-EQUI	CHECK EQUIPMENT OPERATION	NL-SH708-3	Spray Head #3, Valve Station #8	When water pressure is available check spray head operation with one, two or for zones ON.	1750233
11/4/2013	12/6/2013		CHCK-EQUI	CHECK EQUIPMENT OPERATION	NL-SH708-4	Spray Head #4, Valve Station #8	When water pressure is available check spray head operation with one, two or for zones ON.	1750233
11/4/2013	12/6/2013		CHCK-EQUI	CHECK EQUIPMENT OPERATION	NL-SH709-1	Spray Head #1, Valve Station #9	When water pressure is available check spray head operation with one, two or for zones ON.	1750233
11/4/2013	12/6/2013		CHCK-EQUI	CHECK EQUIPMENT OPERATION	NL-SH709-2	Spray Head #2, Valve Station #9	When water pressure is available check spray head operation with one, two or for zones ON.	1750233
11/4/2013	12/6/2013		CHCK-EQUI	CHECK EQUIPMENT OPERATION	NL-SH709-3	Spray Head #3, Valve Station #9	When water pressure is available check spray head operation with one, two or for zones ON.	1750233
11/4/2013	12/6/2013		CHCK-EQUI	CHECK EQUIPMENT OPERATION	NL-SH709-4	Spray Head #4, Valve Station #9	When water pressure is available check spray head operation with one, two or for zones ON.	1750233
11/4/2013	12/6/2013		CHCK-EQUI	CHECK EQUIPMENT OPERATION	NL-SH710-1	Spray Head #1, Valve Station #10	When water pressure is available check spray head operation with one, two or for zones ON.	1750233
11/4/2013	12/6/2013		CHCK-EQUI	CHECK EQUIPMENT OPERATION	NL-SH710-2	Spray Head #2, Valve Station #10	When water pressure is available check spray head operation with one, two or for zones ON.	1750233
11/4/2013	12/6/2013		CHCK-EQUI	CHECK EQUIPMENT OPERATION	NL-SH710-3	Spray Head #3, Valve Station #10	When water pressure is available check spray head operation with one, two or for zones ON.	1750233
11/4/2013	12/6/2013		CHCK-EQUI	CHECK EQUIPMENT OPERATION	NL-SH710-4	Spray Head #4, Valve Station #10	When water pressure is available check spray head operation with one, two or for zones ON.	1750233
11/4/2013	12/6/2013		CHCK-EQUI	CHECK EQUIPMENT OPERATION	NL-SH711-1	Spray Head #1, Valve Station #11	When water pressure is available check spray head operation with one, two or for zones ON.	1750233
11/4/2013	12/6/2013		CHCK-EQUI	CHECK EQUIPMENT OPERATION	NL-SH711-2	Spray Head #2, Valve Station #11	When water pressure is available check spray head operation with one, two or for zones ON.	1750233
11/4/2013	12/6/2013		CHCK-EQUI	CHECK EQUIPMENT OPERATION	NL-SH711-3	Spray Head #3, Valve Station #11	When water pressure is available check spray head operation with one, two or for zones ON.	1750233
11/4/2013	12/6/2013		CHCK-EQUI	CHECK EQUIPMENT OPERATION	NL-SH711-4	Spray Head #4, Valve Station #11	When water pressure is available check spray head operation with one, two or for zones ON.	1750233
11/4/2013	12/6/2013		CHCK-EQUI	CHECK EQUIPMENT OPERATION	NL-SH712-1	Spray Head #1, Valve Station #12	When water pressure is available check spray head operation with one, two or for zones ON.	1750233
11/4/2013	12/6/2013		CHCK-EQUI	CHECK EQUIPMENT OPERATION	NL-SH712-2	Spray Head #2, Valve Station #12	When water pressure is available check spray head operation with one, two or for zones ON.	1750233
11/4/2013	12/6/2013		CHCK-EQUI	CHECK EQUIPMENT OPERATION	NL-SH712-3	Spray Head #3, Valve Station #12	When water pressure is available check spray head operation with one, two or for zones ON.	1750233
11/4/2013	12/6/2013		CHCK-EQUI	CHECK EQUIPMENT OPERATION	NL-SH712-4	Spray Head #4, Valve Station #12	When water pressure is available check spray head operation with one, two or for zones ON.	1750233
11/4/2013	12/6/2013		CHCK-EQUI	CHECK EQUIPMENT OPERATION	NL-SH713-1	Spray Head #1, Valve Station #13	When water pressure is available check spray head operation with one, two or for zones ON.	1750233
11/4/2013	12/6/2013		CHCK-EQUI	CHECK EQUIPMENT OPERATION	NL-SH713-2	Spray Head #2, Valve Station #13	When water pressure is available check spray head operation with one, two or for zones ON.	1750233
11/4/2013	12/6/2013		CHCK-EQUI	CHECK EQUIPMENT OPERATION	NL-SH713-3	Spray Head #3, Valve Station #13	When water pressure is available check spray head operation with one, two or for zones ON.	1750233
11/4/2013	12/6/2013		CHCK-EQUI	CHECK EQUIPMENT OPERATION	NL-SH713-4	Spray Head #4, Valve Station #13	When water pressure is available check spray head operation with one, two or for zones ON.	1750233
11/4/2013	12/6/2013		CHCK-EQUI	CHECK EQUIPMENT OPERATION	NL-SH714-1	Spray Head #1, Valve Station #14	When water pressure is available check spray head operation with one, two or for zones ON.	1750233
11/4/2013	12/6/2013		CHCK-EQUI	CHECK EQUIPMENT OPERATION	NL-SH714-2	Spray Head #2, Valve Station #14	When water pressure is available check spray head operation with one, two or for zones ON.	1750233
11/4/2013	12/6/2013		CHCK-EQUI	CHECK EQUIPMENT OPERATION	NL-SH714-3	Spray Head #3, Valve Station #14	When water pressure is available check spray head operation with one, two or for zones ON.	1750233
11/4/2013	12/6/2013		CHCK-EQUI	CHECK EQUIPMENT OPERATION	NL-SH714-4	Spray Head #4, Valve Station #14	When water pressure is available check spray head operation with one, two or for zones ON.	1750233
11/4/2013	12/6/2013		CHCK-EQUI	CHECK EQUIPMENT OPERATION	NL-SH715-1	Spray Head #1, Valve Station #15	When water pressure is available check spray head operation with one, two or for zones ON.	1750233
11/4/2013	12/6/2013		CHCK-EQUI	CHECK EQUIPMENT OPERATION	NL-SH715-2	Spray Head #2, Valve Station #15	When water pressure is available check spray head operation with one, two or for zones ON.	1750233
11/4/2013	12/6/2013		CHCK-EQUI	CHECK EQUIPMENT OPERATION	NL-SH715-3	Spray Head #3, Valve Station #15	When water pressure is available check spray head operation with one, two or for zones ON.	1750233
11/4/2013	12/6/2013		CHCK-EQUI	CHECK EQUIPMENT OPERATION	NL-SH715-4	Spray Head #4, Valve Station #15	When water pressure is available check spray head operation with one, two or for zones ON.	1750233
11/4/2013	12/6/2013		CHCK-EQUI	CHECK EQUIPMENT OPERATION	NL-SH716-1	Spray Head #1, Valve Station #16	When water pressure is available check spray head operation with one, two or for zones ON.	1750233
11/4/2013	12/6/2013		CHCK-EQUI	CHECK EQUIPMENT OPERATION	NL-SH716-2	Spray Head #2, Valve Station #16	When water pressure is available check spray head operation with one, two or for zones ON.	1750233
11/4/2013	12/6/2013		CHCK-EQUI	CHECK EQUIPMENT OPERATION	NL-SH716-3	Spray Head #3, Valve Station #16	When water pressure is available check spray head operation with one, two or for zones ON.	1750233
11/4/2013	12/6/2013		CHCK-EQUI	CHECK EQUIPMENT OPERATION	NL-SH716-4	Spray Head #4, Valve Station #16	When water pressure is available check spray head operation with one, two or for zones ON.	1750233
11/4/2013	12/6/2013		CHCK-EQUI	CHECK EQUIPMENT OPERATION	NL-SH717-1	Spray Head #1, Valve Station #17	When water pressure is available check spray head operation with one, two or for zones ON.	1750233
11/4/2013	12/6/2013		CHCK-EQUI	CHECK EQUIPMENT OPERATION	NL-SH717-2	Spray Head #2, Valve Station #17	When water pressure is available check spray head operation with one, two or for zones ON.	1750233
11/4/2013	12/6/2013		CHCK-EQUI	CHECK EQUIPMENT OPERATION	NL-SH717-3	Spray Head #3, Valve Station #17	When water pressure is available check spray head operation with one, two or for zones ON.	1750233
11/4/2013	12/6/2013		CHCK-EQUI	CHECK EQUIPMENT OPERATION	NL-SH717-4	Spray Head #4, Valve Station #17	When water pressure is available check spray head operation with one, two or for zones ON.	1750233

Repaired/ Replaced.

Needs repair
Repaired/ Replaced
Needs repair.

Repaired/ Replaced.

EXHIBIT 'C'

Status Open
Project Step 730 Spray Heads

Scheduled Start Date	Scheduled Finish Date	Completion Date	Task No.	Description	Equipment No.	Equipment Description	Text	WO No.
11/4/2013	12/6/2013		CHCK-EQUI	CHECK EQUIPMENT OPERATION	NL-SH718-1	Spray Head #1, Valve Station #18	When water pressure is available check spray head operation with one, two or for zones ON.	1750233
11/4/2013	12/6/2013		CHCK-EQUI	CHECK EQUIPMENT OPERATION	NL-SH718-2	Spray Head #2, Valve Station #18	When water pressure is available check spray head operation with one, two or for zones ON.	1750233
11/4/2013	12/6/2013		CHCK-EQUI	CHECK EQUIPMENT OPERATION	NL-SH718-3	Spray Head #3, Valve Station #18	When water pressure is available check spray head operation with one, two or for zones ON.	1750233
11/4/2013	12/6/2013		CHCK-EQUI	CHECK EQUIPMENT OPERATION	NL-SH718-4	Spray Head #4, Valve Station #18	When water pressure is available check spray head operation with one, two or for zones ON.	1750233
11/4/2013	12/6/2013		CHCK-EQUI	CHECK EQUIPMENT OPERATION	NL-SH719-1	Spray Head #1, Valve Station #19	When water pressure is available check spray head operation with one, two or for zones ON.	1750233
11/4/2013	12/6/2013		CHCK-EQUI	CHECK EQUIPMENT OPERATION	NL-SH719-2	Spray Head #2, Valve Station #19	When water pressure is available check spray head operation with one, two or for zones ON.	1750233
11/4/2013	12/6/2013		CHCK-EQUI	CHECK EQUIPMENT OPERATION	NL-SH719-3	Spray Head #3, Valve Station #19	When water pressure is available check spray head operation with one, two or for zones ON.	1750233
11/4/2013	12/6/2013		CHCK-EQUI	CHECK EQUIPMENT OPERATION	NL-SH719-4	Spray Head #4, Valve Station #19	When water pressure is available check spray head operation with one, two or for zones ON.	1750233
11/4/2013	12/6/2013		CHCK-EQUI	CHECK EQUIPMENT OPERATION	NL-SH720-1	Spray Head #1, Valve Station #20	When water pressure is available check spray head operation with one, two or for zones ON.	1750233
11/4/2013	12/6/2013		CHCK-EQUI	CHECK EQUIPMENT OPERATION	NL-SH720-2	Spray Head #2, Valve Station #20	When water pressure is available check spray head operation with one, two or for zones ON.	1750233
11/4/2013	12/6/2013		CHCK-EQUI	CHECK EQUIPMENT OPERATION	NL-SH720-3	Spray Head #3, Valve Station #20	When water pressure is available check spray head operation with one, two or for zones ON.	1750233
11/4/2013	12/6/2013		CHCK-EQUI	CHECK EQUIPMENT OPERATION	NL-SH720-4	Spray Head #4, Valve Station #20	When water pressure is available check spray head operation with one, two or for zones ON.	1750233
11/4/2013	12/6/2013		CHCK-EQUI	CHECK EQUIPMENT OPERATION	NL-SH721-1	Spray Head #1, Valve Station #21	When water pressure is available check spray head operation with one, two or for zones ON.	1750233
11/4/2013	12/6/2013		CHCK-EQUI	CHECK EQUIPMENT OPERATION	NL-SH721-2	Spray Head #2, Valve Station #21	When water pressure is available check spray head operation with one, two or for zones ON.	1750233
11/4/2013	12/6/2013		CHCK-EQUI	CHECK EQUIPMENT OPERATION	NL-SH721-3	Spray Head #3, Valve Station #21	When water pressure is available check spray head operation with one, two or for zones ON.	1750233
11/4/2013	12/6/2013		CHCK-EQUI	CHECK EQUIPMENT OPERATION	NL-SH721-4	Spray Head #4, Valve Station #21	When water pressure is available check spray head operation with one, two or for zones ON.	1750233
11/4/2013	12/6/2013		CHCK-EQUI	CHECK EQUIPMENT OPERATION	NL-SH722-1	Spray Head #1, Valve Station #22	When water pressure is available check spray head operation with one, two or for zones ON.	1750233
11/4/2013	12/6/2013		CHCK-EQUI	CHECK EQUIPMENT OPERATION	NL-SH722-2	Spray Head #2, Valve Station #22	When water pressure is available check spray head operation with one, two or for zones ON.	1750233
11/4/2013	12/6/2013		CHCK-EQUI	CHECK EQUIPMENT OPERATION	NL-SH722-3	Spray Head #3, Valve Station #22	When water pressure is available check spray head operation with one, two or for zones ON.	1750233
11/4/2013	12/6/2013		CHCK-EQUI	CHECK EQUIPMENT OPERATION	NL-SH722-4	Spray Head #4, Valve Station #22	When water pressure is available check spray head operation with one, two or for zones ON.	1750233
11/4/2013	12/6/2013		CHCK-EQUI	CHECK EQUIPMENT OPERATION	NL-SH723-1	Spray Head #1, Valve Station #23	When water pressure is available check spray head operation with one, two or for zones ON.	1750233
11/4/2013	12/6/2013		CHCK-EQUI	CHECK EQUIPMENT OPERATION	NL-SH723-2	Spray Head #2, Valve Station #23	When water pressure is available check spray head operation with one, two or for zones ON.	1750233
11/4/2013	12/6/2013		CHCK-EQUI	CHECK EQUIPMENT OPERATION	NL-SH723-3	Spray Head #3, Valve Station #23	When water pressure is available check spray head operation with one, two or for zones ON.	1750233
11/4/2013	12/6/2013		CHCK-EQUI	CHECK EQUIPMENT OPERATION	NL-SH723-4	Spray Head #4, Valve Station #23	When water pressure is available check spray head operation with one, two or for zones ON.	1750233
11/4/2013	12/6/2013		CHCK-EQUI	CHECK EQUIPMENT OPERATION	NL-SH724-1	Spray Head #1, Valve Station #24	When water pressure is available check spray head operation with one, two or for zones ON.	1750233
11/4/2013	12/6/2013		CHCK-EQUI	CHECK EQUIPMENT OPERATION	NL-SH724-2	Spray Head #2, Valve Station #24	When water pressure is available check spray head operation with one, two or for zones ON.	1750233
11/4/2013	12/6/2013		CHCK-EQUI	CHECK EQUIPMENT OPERATION	NL-SH724-3	Spray Head #3, Valve Station #24	When water pressure is available check spray head operation with one, two or for zones ON.	1750233
11/4/2013	12/6/2013		CHCK-EQUI	CHECK EQUIPMENT OPERATION	NL-SH724-4	Spray Head #4, Valve Station #24	When water pressure is available check spray head operation with one, two or for zones ON.	1750233
11/4/2013	12/6/2013		CHCK-EQUI	CHECK EQUIPMENT OPERATION	NL-SH725-1	Spray Head #1, Valve Station #25	When water pressure is available check spray head operation with one, two or for zones ON.	1750233
11/4/2013	12/6/2013		CHCK-EQUI	CHECK EQUIPMENT OPERATION	NL-SH725-2	Spray Head #2, Valve Station #25	When water pressure is available check spray head operation with one, two or for zones ON.	1750233
11/4/2013	12/6/2013		CHCK-EQUI	CHECK EQUIPMENT OPERATION	NL-SH725-3	Spray Head #3, Valve Station #25	When water pressure is available check spray head operation with one, two or for zones ON.	1750233
11/4/2013	12/6/2013		CHCK-EQUI	CHECK EQUIPMENT OPERATION	NL-SH725-4	Spray Head #4, Valve Station #25	When water pressure is available check spray head operation with one, two or for zones ON.	1750233
11/4/2013	12/6/2013		CHCK-EQUI	CHECK EQUIPMENT OPERATION	NL-SH726-1	Spray Head #1, Valve Station #26	When water pressure is available check spray head operation with one, two or for zones ON.	1750233
11/4/2013	12/6/2013		CHCK-EQUI	CHECK EQUIPMENT OPERATION	NL-SH726-2	Spray Head #2, Valve Station #26	When water pressure is available check spray head operation with one, two or for zones ON.	1750233
11/4/2013	12/6/2013		CHCK-EQUI	CHECK EQUIPMENT OPERATION	NL-SH726-3	Spray Head #3, Valve Station #26	When water pressure is available check spray head operation with one, two or for zones ON.	1750233
11/4/2013	12/6/2013		CHCK-EQUI	CHECK EQUIPMENT OPERATION	NL-SH726-4	Spray Head #4, Valve Station #26	When water pressure is available check spray head operation with one, two or for zones ON.	1750233
11/4/2013	12/6/2013		CHCK-EQUI	CHECK EQUIPMENT OPERATION	NL-SH727-1	Spray Head #1, Valve Station #27	When water pressure is available check spray head operation with one, two or for zones ON.	1750233
11/4/2013	12/6/2013		CHCK-EQUI	CHECK EQUIPMENT OPERATION	NL-SH727-2	Spray Head #2, Valve Station #27	When water pressure is available check spray head operation with one, two or for zones ON.	1750233
11/4/2013	12/6/2013		CHCK-EQUI	CHECK EQUIPMENT OPERATION	NL-SH727-3	Spray Head #3, Valve Station #27	When water pressure is available check spray head operation with one, two or for zones ON.	1750233
11/4/2013	12/6/2013		CHCK-EQUI	CHECK EQUIPMENT OPERATION	NL-SH727-4	Spray Head #4, Valve Station #27	When water pressure is available check spray head operation with one, two or for zones ON.	1750233
11/4/2013	12/6/2013		CHCK-EQUI	CHECK EQUIPMENT OPERATION	NL-SH728-1	Spray Head #1, Valve Station #28	When water pressure is available check spray head operation with one, two or for zones ON.	1750233
11/4/2013	12/6/2013		CHCK-EQUI	CHECK EQUIPMENT OPERATION	NL-SH728-2	Spray Head #2, Valve Station #28	When water pressure is available check spray head operation with one, two or for zones ON.	1750233
11/4/2013	12/6/2013		CHCK-EQUI	CHECK EQUIPMENT OPERATION	NL-SH728-3	Spray Head #3, Valve Station #28	When water pressure is available check spray head operation with one, two or for zones ON.	1750233
11/4/2013	12/6/2013		CHCK-EQUI	CHECK EQUIPMENT OPERATION	NL-SH728-4	Spray Head #4, Valve Station #28	When water pressure is available check spray head operation with one, two or for zones ON.	1750233

Repaired/ Replaced.

Status Open
Project Step 811 Bio-Slgd Pmp MCC

Scheduled Start Date	Scheduled Finish Date	Completion Date	Task No.	Description	Equipment No.	Equipment Description	Text	WO No.
11/15/2013	11/22/2013		CHCK-EQUI	CHECK EQUIPMENT OPERATION	NL-LS811	Bio-sludge Pit Low Alarm Float Switch	Using a continuity tester at the control panel, check float switch/wire operation.	1750214
11/15/2013	11/22/2013		CHCK-EQUI	CHECK EQUIPMENT OPERATION	NL-LS812	Bio-sludge Pit Pump Off Float Switch	Using a continuity tester at the control panel, check float switch/wire operation.	1750214
11/15/2013	11/22/2013		CHCK-EQUI	CHECK EQUIPMENT OPERATION	NL-LS813	Bio-sludge Pit Lead Pump ON Float Switch	Using a continuity tester at the control panel, check float switch/wire operation.	1750214
11/15/2013	11/22/2013		CHCK-EQUI	CHECK EQUIPMENT OPERATION	NL-LS814	Bio-sludge Pit Lag Pump ON Float Switch	Using a continuity tester at the control panel, check float switch/wire operation.	1750214
11/15/2013	11/22/2013		CHCK-EQUI	CHECK EQUIPMENT OPERATION	NL-LS815	Bio-sludge Pit Alarm Float Switch	Using a continuity tester at the control panel, check float switch/wire operation.	1750214
11/25/2013	12/2/2013		CHCK-EQUI	CHECK EQUIPMENT OPERATION	NL-MCC810	Bio-sludge Pump Control Cabinet	System does not operate in "Auto". Check Bio-sludge pump station control cabinet components.	1750215

Status Open
Project Step 840 Leach Ret. Pump

Scheduled Start Date	Scheduled Finish Date	Completion Date	Task No.	Description	Equipment No.	Equipment Description	Text	WO No.
11/25/2013	12/2/2013		CHCK-EQUI	CHECK EQUIPMENT OPERATION	NL-MCC830	Leachate Retrun Motor Control Panel	System does not operate in "Auto". Check Leachate return pump station control cabinet components.	1750216

Status Ready
Project Step 310 De-nit Actuators

Scheduled Start Date	Scheduled Finish Date	Completion Date	Task No.	Description	Equipment No.	Equipment Description	Text	WO No.
12/2/2013	12/31/2013		REPLACE-E	REPLACE EQUIPMENT	NL-FCVA311	Denitrification Influent Valve #1A Actuator	Install new actuator to replace obsolete unit.	1750207
12/2/2013	12/31/2013		REPLACE-E	REPLACE EQUIPMENT	NL-FCVA312	Denitrification Influent Valve #2A Actuator	Install new actuator to replace obsolete unit.	1750207

Needs repair/ replacement.

EXHIBIT 'C'

Status Ready
Project Step 310 De-nit Actuators

Scheduled Start Date	Scheduled Finish Date	Completion Date	Task No.	Description	Equipment No.	Equipment Description	Text	WO No.
12/2/2013	12/31/2013		REPLACE-E	REPLACE EQUIPMENT	NL-FCVA313	Denitrification Influent Valve #3A Actuator	Install new actuator to replace obsolete unit.	1750207
12/2/2013	12/31/2013		REPLACE-E	REPLACE EQUIPMENT	NL-FCVA314	Denitrification Influent Valve #4A Actuator	Install new actuator to replace obsolete unit.	1750207
12/2/2013	12/31/2013		REPLACE-E	REPLACE EQUIPMENT	NL-FCVA321	Denitrification Effluent Valve #1 Actuator	Install new actuator to replace obsolete unit.	1750207
12/2/2013	12/31/2013		REPLACE-E	REPLACE EQUIPMENT	NL-FCVA322	Denitrification Effluent Valve #2 Actuator	Install new actuator to replace obsolete unit.	1750207
12/2/2013	12/31/2013		REPLACE-E	REPLACE EQUIPMENT	NL-FCVA323	Denitrification Effluent Valve #3 Actuator	Install new actuator to replace obsolete unit.	1750207
12/2/2013	12/31/2013		REPLACE-E	REPLACE EQUIPMENT	NL-FCVA324	Denitrification Effluent Valve #4 Actuator	Install new actuator to replace obsolete unit.	1750207
12/2/2013	12/31/2013		REPLACE-E	REPLACE EQUIPMENT	NL-FCVA331	Denitrification Backwash Valve #1 Actuator	Install new actuator to replace obsolete unit.	1750207
12/2/2013	12/31/2013		REPLACE-E	REPLACE EQUIPMENT	NL-FCVA332	Denitrification Backwash Valve #2 Actuator	Install new actuator to replace obsolete unit.	1750207
12/2/2013	12/31/2013		REPLACE-E	REPLACE EQUIPMENT	NL-FCVA333	Denitrification Backwash Valve #3 Actuator	Install new actuator to replace obsolete unit.	1750207
12/2/2013	12/31/2013		REPLACE-E	REPLACE EQUIPMENT	NL-FCVA334	Denitrification Backwash Valve #4 Actuator	Install new actuator to replace obsolete unit.	1750207
12/2/2013	12/31/2013		REPLACE-E	REPLACE EQUIPMENT	NL-FCVA341	Denitrification Air Scour Valve #1 Actuator	Install new actuator to replace obsolete unit.	1750207
12/2/2013	12/31/2013		REPLACE-E	REPLACE EQUIPMENT	NL-FCVA342	Denitrification Air Scour Valve #2 Actuator	Install new actuator to replace obsolete unit.	1750207
12/2/2013	12/31/2013		REPLACE-E	REPLACE EQUIPMENT	NL-FCVA343	Denitrification Air Scour Valve #3 Actuator	Install new actuator to replace obsolete unit.	1750207
12/2/2013	12/31/2013		REPLACE-E	REPLACE EQUIPMENT	NL-FCVA344	Denitrification Air Scour Valve #4 Actuator	Install new actuator to replace obsolete unit.	1750207

needs repair/ replacement.

Status Ready
Project Step 320 De-nit Solenoids

Scheduled Start Date	Scheduled Finish Date	Completion Date	Task No.	Description	Equipment No.	Equipment Description	Text	WO No.
12/9/2013	1/5/2014		REPLACE-E	REPLACE EQUIPMENT	NL-SV311	Denitrification Filter Cell #1 Inf. Act. Solenoid	Install and electrically connect new solenoid valve	1750208
12/9/2013	1/5/2014		REPLACE-E	REPLACE EQUIPMENT	NL-SV312	Denitrification Filter Cell #2 Inf. Act. Solenoid	Install and electrically connect new solenoid valve	1750208
12/9/2013	1/5/2014		REPLACE-E	REPLACE EQUIPMENT	NL-SV313	Denitrification Filter Cell #3 Inf. Act. Solenoid	Install and electrically connect new solenoid valve	1750208
12/9/2013	1/5/2014		REPLACE-E	REPLACE EQUIPMENT	NL-SV314	Denitrification Filter Cell #4 Inf. Act. Solenoid	Install and electrically connect new solenoid valve	1750208
12/9/2013	1/5/2014		REPLACE-E	REPLACE EQUIPMENT	NL-SV321	Denitrification Filter Cell #1 Eff. Act. Solenoid	Install and electrically connect new solenoid valve	1750208
12/9/2013	1/5/2014		REPLACE-E	REPLACE EQUIPMENT	NL-SV322	Denitrification Filter Cell #2 Eff. Act. Solenoid	Install and electrically connect new solenoid valve	1750208
12/9/2013	1/5/2014		REPLACE-E	REPLACE EQUIPMENT	NL-SV323	Denitrification Filter Cell #3 Eff. Act. Solenoid	Install and electrically connect new solenoid valve	1750208
12/9/2013	1/5/2014		REPLACE-E	REPLACE EQUIPMENT	NL-SV324	Denitrification Filter Cell #4 Eff. Act. Solenoid	Install and electrically connect new solenoid valve	1750208
12/9/2013	1/5/2014		REPLACE-E	REPLACE EQUIPMENT	NL-SV331	Denitri. Filter Cell #1 Backwash Act. Solenoid	Install and electrically connect new solenoid valve	1750208
12/9/2013	1/5/2014		REPLACE-E	REPLACE EQUIPMENT	NL-SV332	Denitri Filter Cell #2 Backwash Act. Solenoid	Install and electrically connect new solenoid valve	1750208
12/9/2013	1/5/2014		REPLACE-E	REPLACE EQUIPMENT	NL-SV333	Denitri. Filter Cell #3 Backwash Act. Solenoid	Install and electrically connect new solenoid valve	1750208
12/9/2013	1/5/2014		REPLACE-E	REPLACE EQUIPMENT	NL-SV334	Denitri. Filter Cell #4 Backwash Act. Solenoid	Install and electrically connect new solenoid valve	1750208
12/9/2013	1/5/2014		REPLACE-E	REPLACE EQUIPMENT	NL-SV341	Denitri. Filter Cell #1Air Scour Act. Solenoid	Install and electrically connect new solenoid valve	1750208
12/9/2013	1/5/2014		REPLACE-E	REPLACE EQUIPMENT	NL-SV342	Denitri Filter Cell #2 Air Scour Act. Solenoid	Install and electrically connect new solenoid valve	1750208
12/9/2013	1/5/2014		REPLACE-E	REPLACE EQUIPMENT	NL-SV343	Denitri. Filter Cell #3 Air Scour Act. Solenoid	Install and electrically connect new solenoid valve	1750208
12/9/2013	1/5/2014		REPLACE-E	REPLACE EQUIPMENT	NL-SV344	Denitri Filter Cell #4 Air Scour Act. Solenoid	Install and electrically connect new solenoid valve	1750208

Status Ready
Project Step 330 De-nit Air Tubes

Scheduled Start Date	Scheduled Finish Date	Completion Date	Task No.	Description	Equipment No.	Equipment Description	Text	WO No.
12/11/2013	12/11/2013		REPLACE-E	REPLACE EQUIPMENT	-		Replace pneumatic tubing and solenoid pipe mounts for air operated actuators.	1750209

Status Ready
Project Step 700 Spray Pumps

Scheduled Start Date	Scheduled Finish Date	Completion Date	Task No.	Description	Equipment No.	Equipment Description	Text	WO No.
11/25/2013	12/20/2013		CHCK-EQUI	CHECK EQUIPMENT OPERATION	NL-P701	Sprayfield Pump #1	Check operation and condition of spray field pump.	1750248
11/25/2013	12/20/2013		CHCK-EQUI	CHECK EQUIPMENT OPERATION	NL-P702	Sprayfield Pump #2	Check operation and condition of spray field pump.	1750248
11/25/2013	12/20/2013		CHCK-EQUI	CHECK EQUIPMENT OPERATION	NL-P703	Sprayfield Pump #3	Check operation and condition of spray field pump.	1750248
12/23/2013	1/20/2014		REPLACE-E	REPLACE EQUIPMENT	NL-P701	Sprayfield Pump #1	Replace components or entire pump as determined from CHECK-EQUIPMENT evaluation	1750249
12/23/2013	1/20/2014		REPLACE-E	REPLACE EQUIPMENT	NL-P702	Sprayfield Pump #2	Replace components or entire pump as determined from CHECK-EQUIPMENT evaluation	1750249
12/23/2013	1/20/2014		REPLACE-E	REPLACE EQUIPMENT	NL-P703	Sprayfield Pump #3	Replace components or entire pump as determined from CHECK-EQUIPMENT evaluation	1750249

Status Ready
Project Step 710 Field Controls

Scheduled Start Date	Scheduled Finish Date	Completion Date	Task No.	Description	Equipment No.	Equipment Description	Text	WO No.
12/2/2013	12/13/2013		CHCK-EQUI	CHECK EQUIPMENT OPERATION	NL-VP701	Spray Control Valve #1 Valve Pit	Determine the insulation resistance of the solenoid signal wire from the spray field control station to the associated solenoid in the flow control valve pit.	1750230
12/2/2013	12/13/2013		CHCK-EQUI	CHECK EQUIPMENT OPERATION	NL-VP702	Spray Control Valve #2 Valve Pit	Determine the insulation resistance of the solenoid signal wire from the spray field control station to the associated solenoid in the flow control valve pit.	1750230
12/2/2013	12/13/2013		CHCK-EQUI	CHECK EQUIPMENT OPERATION	NL-VP703	Spray Control Valve #3 Valve Pit	Determine the insulation resistance of the solenoid signal wire from the spray field control station to the associated solenoid in the flow control valve pit.	1750230
12/2/2013	12/13/2013		CHCK-EQUI	CHECK EQUIPMENT OPERATION	NL-VP704	Spray Control Valve #4 Valve Pit	Determine the insulation resistance of the solenoid signal wire from the spray field control station to the associated solenoid in the flow control valve pit.	1750230
12/2/2013	12/13/2013		CHCK-EQUI	CHECK EQUIPMENT OPERATION	NL-VP705	Spray Control Valve #5 Valve Pit	Determine the insulation resistance of the solenoid signal wire from the spray field control station to the associated solenoid in the flow control valve pit.	1750230
12/2/2013	12/13/2013		CHCK-EQUI	CHECK EQUIPMENT OPERATION	NL-VP706	Spray Control Valve #1 Valve Pit	Determine the insulation resistance of the solenoid signal wire from the spray field control station to the associated solenoid in the flow control valve pit.	1750230

Repaired/ Replaced.

EXHIBIT 'C'

Status Ready
Project Step 710 Field Controls

Scheduled Start Date	Scheduled Finish Date	Completion Date	Task No.	Description	Equipment No.	Equipment Description	Text	WO No.
12/2/2013	12/13/2013		CHCK-EQUI	CHECK EQUIPMENT OPERATION	NL-VP707	Spray Control Valve #7 Valve Pit	Determine the insulation resistance of the solenoid signal wire from the spray field control station to the associated solenoid in the flow control valve pit.	1750230
12/2/2013	12/13/2013		CHCK-EQUI	CHECK EQUIPMENT OPERATION	NL-VP708	Spray Control Valve #8 Valve Pit	Determine the insulation resistance of the solenoid signal wire from the spray field control station to the associated solenoid in the flow control valve pit.	1750230
12/2/2013	12/13/2013		CHCK-EQUI	CHECK EQUIPMENT OPERATION	NL-VP709	Spray Control Valve #9 Valve Pit	Determine the insulation resistance of the solenoid signal wire from the spray field control station to the associated solenoid in the flow control valve pit.	1750230
12/2/2013	12/13/2013		CHCK-EQUI	CHECK EQUIPMENT OPERATION	NL-VP710	Spray Control Valve #10 Valve Pit	Determine the insulation resistance of the solenoid signal wire from the spray field control station to the associated solenoid in the flow control valve pit.	1750230
12/2/2013	12/13/2013		CHCK-EQUI	CHECK EQUIPMENT OPERATION	NL-VP711	Spray Control Valve #11 Valve Pit	Determine the insulation resistance of the solenoid signal wire from the spray field control station to the associated solenoid in the flow control valve pit.	1750230
12/2/2013	12/13/2013		CHCK-EQUI	CHECK EQUIPMENT OPERATION	NL-VP712	Spray Control Valve #12 Valve Pit	Determine the insulation resistance of the solenoid signal wire from the spray field control station to the associated solenoid in the flow control valve pit.	1750230
12/2/2013	12/13/2013		CHCK-EQUI	CHECK EQUIPMENT OPERATION	NL-VP713	Spray Control Valve #13 Valve Pit	Determine the insulation resistance of the solenoid signal wire from the spray field control station to the associated solenoid in the flow control valve pit.	1750230
12/2/2013	12/13/2013		CHCK-EQUI	CHECK EQUIPMENT OPERATION	NL-VP714	Spray Control Valve #14 Valve Pit	Determine the insulation resistance of the solenoid signal wire from the spray field control station to the associated solenoid in the flow control valve pit.	1750230
12/2/2013	12/13/2013		CHCK-EQUI	CHECK EQUIPMENT OPERATION	NL-VP715	Spray Control Valve #15 Valve Pit	Determine the insulation resistance of the solenoid signal wire from the spray field control station to the associated solenoid in the flow control valve pit.	1750230
12/2/2013	12/13/2013		CHCK-EQUI	CHECK EQUIPMENT OPERATION	NL-VP716	Spray Control Valve #16 Valve Pit	Determine the insulation resistance of the solenoid signal wire from the spray field control station to the associated solenoid in the flow control valve pit.	1750230
12/2/2013	12/13/2013		CHCK-EQUI	CHECK EQUIPMENT OPERATION	NL-VP717	Spray Control Valve #17 Valve Pit	Determine the insulation resistance of the solenoid signal wire from the spray field control station to the associated solenoid in the flow control valve pit.	1750230
12/2/2013	12/13/2013		CHCK-EQUI	CHECK EQUIPMENT OPERATION	NL-VP718	Spray Control Valve #18 Valve Pit	Determine the insulation resistance of the solenoid signal wire from the spray field control station to the associated solenoid in the flow control valve pit.	1750230
12/2/2013	12/13/2013		CHCK-EQUI	CHECK EQUIPMENT OPERATION	NL-VP719	Spray Control Valve #19 Valve Pit	Determine the insulation resistance of the solenoid signal wire from the spray field control station to the associated solenoid in the flow control valve pit.	1750230
12/2/2013	12/13/2013		CHCK-EQUI	CHECK EQUIPMENT OPERATION	NL-VP720	Spray Control Valve #20 Valve Pit	Determine the insulation resistance of the solenoid signal wire from the spray field control station to the associated solenoid in the flow control valve pit.	1750230
12/2/2013	12/13/2013		CHCK-EQUI	CHECK EQUIPMENT OPERATION	NL-VP721	Spray Control Valve #21 Valve Pit	Determine the insulation resistance of the solenoid signal wire from the spray field control station to the associated solenoid in the flow control valve pit.	1750230
12/2/2013	12/13/2013		CHCK-EQUI	CHECK EQUIPMENT OPERATION	NL-VP722	Spray Control Valve #22 Valve Pit	Determine the insulation resistance of the solenoid signal wire from the spray field control station to the associated solenoid in the flow control valve pit.	1750230
12/2/2013	12/13/2013		CHCK-EQUI	CHECK EQUIPMENT OPERATION	NL-VP723	Spray Control Valve #23 Valve Pit	Determine the insulation resistance of the solenoid signal wire from the spray field control station to the associated solenoid in the flow control valve pit.	1750230
12/2/2013	12/13/2013		CHCK-EQUI	CHECK EQUIPMENT OPERATION	NL-VP724	Spray Control Valve #24 Valve Pit	Determine the insulation resistance of the solenoid signal wire from the spray field control station to the associated solenoid in the flow control valve pit.	1750230
12/2/2013	12/13/2013		CHCK-EQUI	CHECK EQUIPMENT OPERATION	NL-VP725	Spray Control Valve #25 Valve Pit	Determine the insulation resistance of the solenoid signal wire from the spray field control station to the associated solenoid in the flow control valve pit.	1750230
12/2/2013	12/13/2013		CHCK-EQUI	CHECK EQUIPMENT OPERATION	NL-VP726	Spray Control Valve #26 Valve Pit	Determine the insulation resistance of the solenoid signal wire from the spray field control station to the associated solenoid in the flow control valve pit.	1750230
12/2/2013	12/13/2013		CHCK-EQUI	CHECK EQUIPMENT OPERATION	NL-VP727	Spray Control Valve #27 Valve Pit	Determine the insulation resistance of the solenoid signal wire from the spray field control station to the associated solenoid in the flow control valve pit.	1750230
12/2/2013	12/13/2013		CHCK-EQUI	CHECK EQUIPMENT OPERATION	NL-VP728	Spray Control Valve #28 Valve Pit	Determine the insulation resistance of the solenoid signal wire from the spray field control station to the associated solenoid in the flow control valve pit.	1750230

Repaired/ Replaced

Status Ready
Project Step 712 Spray Valve Pit

Scheduled Start Date	Scheduled Finish Date	Completion Date	Task No.	Description	Equipment No.	Equipment Description	Text	WO No.
11/25/2013	12/20/2013		CHCK-EQUI	CHECK EQUIPMENT OPERATION	NL-V7021	Pump Station Control Valve #1	Pump out valve pit and evaluate valve and associated air relief valve.	1750250
11/25/2013	12/20/2013		CHCK-EQUI	CHECK EQUIPMENT OPERATION	NL-V7022	Pump Station Control Valve #2	Pump out valve pit and evaluate valve and associated air relief valve.	1750250
11/25/2013	12/20/2013		CHCK-EQUI	CHECK EQUIPMENT OPERATION	NL-V7023	Pump Station Control Valve #3	Pump out valve pit and evaluate valve and associated air relief valve.	1750250
12/2/2013	2/28/2014		T/S-REPAIR	TROUBLESHOOT & REPAIR	NL-FCV701	Spray Field Control Valve	This valve is not operational. Investigate and repair as is economically appropriate.	1750229
12/2/2013	2/28/2014		T/S-REPAIR	TROUBLESHOOT & REPAIR	NL-FCV702	Spray Field Control Valve	This valve is not operational. Investigate and repair as is economically appropriate.	1750229
12/2/2013	2/28/2014		T/S-REPAIR	TROUBLESHOOT & REPAIR	NL-FCV703	Spray Field Control Valve	This valve is not operational. Investigate and repair as is economically appropriate.	1750229
12/2/2013	2/28/2014		T/S-REPAIR	TROUBLESHOOT & REPAIR	NL-FCV704	Spray Field Control Valve	This valve is not operational. Investigate and repair as is economically appropriate.	1750229
12/2/2013	2/28/2014		T/S-REPAIR	TROUBLESHOOT & REPAIR	NL-FCV705	Spray Field Control Valve	This valve is not operational. Investigate and repair as is economically appropriate.	1750229
12/2/2013	2/28/2014		T/S-REPAIR	TROUBLESHOOT & REPAIR	NL-FCV706	Spray Field Control Valve	This valve is not operational. Investigate and repair as is economically appropriate.	1750229
12/2/2013	2/28/2014		T/S-REPAIR	TROUBLESHOOT & REPAIR	NL-FCV707	Spray Field Control Valve	This valve is not operational. Investigate and repair as is economically appropriate.	1750229
12/2/2013	2/28/2014		T/S-REPAIR	TROUBLESHOOT & REPAIR	NL-FCV708	Spray Field Control Valve	This valve is not operational. Investigate and repair as is economically appropriate.	1750229
12/2/2013	2/28/2014		T/S-REPAIR	TROUBLESHOOT & REPAIR	NL-FCV709	Spray Field Control Valve	This valve is not operational. Investigate and repair as economically appropriate. It is currently in the open position and is being used.	1750229
12/2/2013	2/28/2014		T/S-REPAIR	TROUBLESHOOT & REPAIR	NL-FCV710	Spray Field Control Valve	This valve is not operational. Investigate and repair as is economically appropriate. It is currently in the open position and is being used.	1750229
12/2/2013	2/28/2014		T/S-REPAIR	TROUBLESHOOT & REPAIR	NL-FCV711	Spray Field Control Valve	This valve is not operational. Investigate and repair as is economically appropriate.	1750229
12/2/2013	2/28/2014		T/S-REPAIR	TROUBLESHOOT & REPAIR	NL-FCV712	Spray Field Control Valve	This valve is not operational. Investigate and repair as is economically appropriate.	1750229

EXHIBIT 'C'

Status Ready
Project Step 712 Spray Valve Pit

Scheduled Start Date	Scheduled Finish Date	Completion Date	Task No.	Description	Equipment No.	Equipment Description	Text	WO No.
12/2/2013	2/28/2014		T/S-REPAIR	TROUBLESHOOT & REPAIR	NL-FCV713	Spray Field Control Valve	This valve is not operational. Investigate and repair as is economically appropriate.	1750229
12/2/2013	2/28/2014		T/S-REPAIR	TROUBLESHOOT & REPAIR	NL-FCV714	Spray Field Control Valve	This valve is not operational. Investigate and repair as is economically appropriate.	1750229
12/2/2013	2/28/2014		T/S-REPAIR	TROUBLESHOOT & REPAIR	NL-FCV715	Spray Field Control Valve	This valve is not operational. Investigate and repair as is economically appropriate.	1750229
12/2/2013	2/28/2014		T/S-REPAIR	TROUBLESHOOT & REPAIR	NL-FCV716	Spray Field Control Valve	This valve is not operational. Investigate and repair as is economically appropriate.	1750229
12/2/2013	2/28/2014		T/S-REPAIR	TROUBLESHOOT & REPAIR	NL-FCV717	Spray Field Control Valve	This valve is not operational. Investigate and repair as is economically appropriate.	1750229
12/2/2013	2/28/2014		T/S-REPAIR	TROUBLESHOOT & REPAIR	NL-FCV718	Spray Field Control Valve	This valve is not operational. Investigate and repair as is economically appropriate. It is currently in the open position and is being used.	1750229
12/2/2013	2/28/2014		T/S-REPAIR	TROUBLESHOOT & REPAIR	NL-FCV719	Spray Field Control Valve	This valve is not operational. Investigate and repair as is economically appropriate. It is currently in the open position and being used.	1750229
12/2/2013	2/28/2014		T/S-REPAIR	TROUBLESHOOT & REPAIR	NL-FCV720	Spray Field Control Valve	This valve is not operational. Investigate and repair as is economically appropriate.	1750229
12/2/2013	2/28/2014		T/S-REPAIR	TROUBLESHOOT & REPAIR	NL-FCV721	Spray Field Control Valve	This valve is not operational. Investigate and repair as is economically appropriate.	1750229
12/2/2013	2/28/2014		T/S-REPAIR	TROUBLESHOOT & REPAIR	NL-FCV722	Spray Field Control Valve	This valve is not operational. Investigate and repair as is economically appropriate.	1750229
12/2/2013	2/28/2014		T/S-REPAIR	TROUBLESHOOT & REPAIR	NL-FCV723	Spray Field Control Valve	This valve is not operational. Investigate and repair as is economically appropriate.	1750229
12/2/2013	2/28/2014		T/S-REPAIR	TROUBLESHOOT & REPAIR	NL-FCV724	Spray Field Control Valve	This valve is not operational. Investigate and repair as is economically appropriate.	1750229
12/2/2013	2/28/2014		T/S-REPAIR	TROUBLESHOOT & REPAIR	NL-FCV725	Spray Field Control Valve	This valve is not operational. Investigate and repair as is economically appropriate.	1750229
12/2/2013	2/28/2014		T/S-REPAIR	TROUBLESHOOT & REPAIR	NL-FCV726	Spray Field Control Valve	This valve is not operational. Investigate and repair as is economically appropriate.	1750229
12/2/2013	2/28/2014		T/S-REPAIR	TROUBLESHOOT & REPAIR	NL-FCV727	Spray Field Control Valve	This valve is not operational. Investigate and repair as is economically appropriate.	1750229
12/2/2013	2/28/2014		T/S-REPAIR	TROUBLESHOOT & REPAIR	NL-FCV728	Spray Field Control Valve	This valve is not operational. Investigate and repair as is economically appropriate.	1750229
12/23/2013	1/24/2014		REPLACE-E	REPLACE EQUIPMENT	NL-V7021	Pump Station Control Valve #1	Replace valve or component parts as determined by CHECK-EQUIPMENT evaluation.	1750251
12/23/2013	1/24/2014		REPLACE-E	REPLACE EQUIPMENT	NL-V7022	Pump Station Control Valve #2	Replace valve or component parts as determined by CHECK-EQUIPMENT evaluation.	1750251
12/23/2013	1/24/2014		REPLACE-E	REPLACE EQUIPMENT	NL-V7023	Pump Station Control Valve #3	Replace valve or component parts as determined by CHECK-EQUIPMENT evaluation.	1750251

Repaired/ Replaced

Status Ready
Project Step 721 Control Valves

Scheduled Start Date	Scheduled Finish Date	Completion Date	Task No.	Description	Equipment No.	Equipment Description	Text	WO No.
12/16/2013	3/14/2014		REPLACE-E	REPLACE EQUIPMENT	NL-FCV701	Spray Field Control Valve	Replace the 6" pipe flanges at the control valve, and install rebuilt or new flow control valve as necessary	1750232
12/16/2013	3/14/2014		REPLACE-E	REPLACE EQUIPMENT	NL-FCV702	Spray Field Control Valve	Replace the 6" pipe flanges at the control valve, and install rebuilt or new flow control valve as necessary	1750232
12/16/2013	3/14/2014		REPLACE-E	REPLACE EQUIPMENT	NL-FCV703	Spray Field Control Valve	Replace the 6" pipe flanges at the control valve and install rebuilt or new flow control valve as necessary	1750232
12/16/2013	3/14/2014		REPLACE-E	REPLACE EQUIPMENT	NL-FCV704	Spray Field Control Valve	Replace the 6" pipe flanges at the control valve, and install rebuilt or new flow control valve as necessary	1750232
12/16/2013	3/14/2014		REPLACE-E	REPLACE EQUIPMENT	NL-FCV705	Spray Field Control Valve	Replace the 6" pipe flanges at the control valve, and install rebuilt or new flow control valve as necessary	1750232
12/16/2013	3/14/2014		REPLACE-E	REPLACE EQUIPMENT	NL-FCV706	Spray Field Control Valve	Replace the 6" pipe flanges at the control valve, and install rebuilt or new flow control valve as necessary	1750232
12/16/2013	3/14/2014		REPLACE-E	REPLACE EQUIPMENT	NL-FCV707	Spray Field Control Valve	Replace the 6" pipe flanges at the control valve, and install rebuilt or new flow control valve as necessary	1750232
12/16/2013	3/14/2014		REPLACE-E	REPLACE EQUIPMENT	NL-FCV708	Spray Field Control Valve	Replace the 6" pipe flanges at the control valve, and install rebuilt or new flow control valve as necessary	1750232
12/16/2013	3/14/2014		REPLACE-E	REPLACE EQUIPMENT	NL-FCV709	Spray Field Control Valve	Replace the 6" pipe flanges at the control valve, and install rebuilt or new flow control valve as necessary	1750232
12/16/2013	3/14/2014		REPLACE-E	REPLACE EQUIPMENT	NL-FCV710	Spray Field Control Valve	Replace the 6" pipe flanges at the control valve, and install rebuilt or new flow control valve as necessary	1750232
12/16/2013	3/14/2014		REPLACE-E	REPLACE EQUIPMENT	NL-FCV711	Spray Field Control Valve	Replace the 6" pipe flanges at the control valve, and install rebuilt or new flow control valve as necessary	1750232
12/16/2013	3/14/2014		REPLACE-E	REPLACE EQUIPMENT	NL-FCV712	Spray Field Control Valve	Replace the 6" pipe flanges at the control valve, and install rebuilt or new flow control valve as necessary	1750232
12/16/2013	3/14/2014		REPLACE-E	REPLACE EQUIPMENT	NL-FCV713	Spray Field Control Valve	Replace the 6" pipe flanges at the control valve, and install rebuilt or new flow control valve as necessary	1750232
12/16/2013	3/14/2014		REPLACE-E	REPLACE EQUIPMENT	NL-FCV714	Spray Field Control Valve	Replace the 6" pipe flanges at the control valve, and install rebuilt or new flow control valve as necessary	1750232
12/16/2013	3/14/2014		REPLACE-E	REPLACE EQUIPMENT	NL-FCV715	Spray Field Control Valve	Replace the 6" pipe flanges at the control valve, and install rebuilt or new flow control valve as necessary	1750232
12/16/2013	3/14/2014		REPLACE-E	REPLACE EQUIPMENT	NL-FCV716	Spray Field Control Valve	Replace the 6" pipe flanges at the control valve, and install rebuilt or new flow control valve as necessary	1750232
12/16/2013	3/14/2014		REPLACE-E	REPLACE EQUIPMENT	NL-FCV717	Spray Field Control Valve	Replace the 6" pipe flanges at the control valve, and install rebuilt or new flow control valve as necessary	1750232
12/16/2013	3/14/2014		REPLACE-E	REPLACE EQUIPMENT	NL-FCV718	Spray Field Control Valve	Replace the 6" pipe flanges at the control valve, and install rebuilt or new flow control valve as necessary	1750232
12/16/2013	3/14/2014		REPLACE-E	REPLACE EQUIPMENT	NL-FCV719	Spray Field Control Valve	Replace the 6" pipe flanges at the control valve, and install rebuilt or new flow control valve as necessary	1750232
12/16/2013	3/14/2014		REPLACE-E	REPLACE EQUIPMENT	NL-FCV720	Spray Field Control Valve	Replace the 6" pipe flanges at the control valve, and install rebuilt or new flow control valve as necessary	1750232
12/16/2013	3/14/2014		REPLACE-E	REPLACE EQUIPMENT	NL-FCV721	Spray Field Control Valve	Replace the 6" pipe flanges at the control valve, and install rebuilt or new flow control valve as necessary	1750232
12/16/2013	3/14/2014		REPLACE-E	REPLACE EQUIPMENT	NL-FCV722	Spray Field Control Valve	Replace the 6" pipe flanges at the control valve, and install rebuilt or new flow control valve as necessary	1750232
12/16/2013	3/14/2014		REPLACE-E	REPLACE EQUIPMENT	NL-FCV723	Spray Field Control Valve	Replace the 6" pipe flanges at the control valve, and install rebuilt or new flow control valve as necessary	1750232
12/16/2013	3/14/2014		REPLACE-E	REPLACE EQUIPMENT	NL-FCV724	Spray Field Control Valve	Replace the 6" pipe flanges at the control valve, and install rebuilt or new flow control valve as necessary	1750232
12/16/2013	3/14/2014		REPLACE-E	REPLACE EQUIPMENT	NL-FCV725	Spray Field Control Valve	Replace the 6" pipe flanges at the control valve, and install rebuilt or new flow control valve as necessary	1750232
12/16/2013	3/14/2014		REPLACE-E	REPLACE EQUIPMENT	NL-FCV726	Spray Field Control Valve	Replace the 6" pipe flanges at the control valve, and install rebuilt or new flow control valve as necessary	1750232
12/16/2013	3/14/2014		REPLACE-E	REPLACE EQUIPMENT	NL-FCV727	Spray Field Control Valve	Replace the 6" pipe flanges at the control valve, and install rebuilt or new flow control valve as necessary	1750232
12/16/2013	3/14/2014		REPLACE-E	REPLACE EQUIPMENT	NL-FCV728	Spray Field Control Valve	Replace the 6" pipe flanges at the control valve, and install rebuilt or new flow control valve as necessary	1750232

Repaired/ Replaced

Status Ready
Project Step 722 Control Solenoid

Scheduled Start Date	Scheduled Finish Date	Completion Date	Task No.	Description	Equipment No.	Equipment Description	Text	WO No.
12/16/2013	3/14/2014		REPLACE-E	REPLACE EQUIPMENT	NL-SV701	Solenoid Valve for Spray Control Valve #1	Place or replace as necessary solenoid when Flow Control Valve is reconditioned and/or replaced.	1750231
12/16/2013	3/14/2014		REPLACE-E	REPLACE EQUIPMENT	NL-SV702	Solenoid Valve for Spray Control Valve #2	Place or replace as necessary solenoid when Flow Control Valve is reconditioned and/or replaced.	1750231
12/16/2013	3/14/2014		REPLACE-E	REPLACE EQUIPMENT	NL-SV703	Solenoid Valve for Spray Control Valve #3	Place or replace as necessary solenoid when Flow Control Valve is reconditioned and/or replaced.	1750231
12/16/2013	3/14/2014		REPLACE-E	REPLACE EQUIPMENT	NL-SV704	Solenoid Valve for Spray Control Valve #4	Place or replace as necessary solenoid when Flow Control Valve is reconditioned and/or replaced.	1750231
12/16/2013	3/14/2014		REPLACE-E	REPLACE EQUIPMENT	NL-SV705	Solenoid Valve for Spray Control Valve #5	Place or replace as necessary solenoid when Flow Control Valve is reconditioned and/or replaced.	1750231
12/16/2013	3/14/2014		REPLACE-E	REPLACE EQUIPMENT	NL-SV706	Solenoid Valve for Spray Control Valve #6	Place or replace as necessary solenoid when Flow Control Valve is reconditioned and/or replaced.	1750231
12/16/2013	3/14/2014		REPLACE-E	REPLACE EQUIPMENT	NL-SV707	Solenoid Valve for Spray Control Valve #7	Place or replace as necessary solenoid when Flow Control Valve is reconditioned and/or replaced.	1750231
12/16/2013	3/14/2014		REPLACE-E	REPLACE EQUIPMENT	NL-SV708	Solenoid Valve for Spray Control Valve #8	Place or replace as necessary solenoid when Flow Control Valve is reconditioned and/or replaced.	1750231

EXHIBIT 'C'

Status Ready
Project Step 722 Control Solenoid

Scheduled Start Date	Scheduled Finish Date	Completion Date	Task No.	Description	Equipment No.	Equipment Description	Text	WO No.
12/16/2013	3/14/2014		REPLACE-E	REPLACE EQUIPMENT	NL-SV709	Solenoid Valve for Spray Control Valve #9	Place or replace as necessary solenoid when Flow Control Valve is reconditioned and/or replaced.	1750231
12/16/2013	3/14/2014		REPLACE-E	REPLACE EQUIPMENT	NL-SV710	Solenoid Valve for Spray Control Valve #10	Place or replace as necessary solenoid when Flow Control Valve is reconditioned and/or replaced.	1750231
12/16/2013	3/14/2014		REPLACE-E	REPLACE EQUIPMENT	NL-SV711	Solenoid Valve for Spray Control Valve #11	Place or replace as necessary solenoid when Flow Control Valve is reconditioned and/or replaced.	1750231
12/16/2013	3/14/2014		REPLACE-E	REPLACE EQUIPMENT	NL-SV712	Solenoid Valve for Spray Control Valve #12	Place or replace as necessary solenoid when Flow Control Valve is reconditioned and/or replaced.	1750231
12/16/2013	3/14/2014		REPLACE-E	REPLACE EQUIPMENT	NL-SV713	Solenoid Valve for Spray Control Valve #13	Place or replace as necessary solenoid when Flow Control Valve is reconditioned and/or replaced.	1750231
12/16/2013	3/14/2014		REPLACE-E	REPLACE EQUIPMENT	NL-SV714	Solenoid Valve for Spray Control Valve #14	Place or replace as necessary solenoid when Flow Control Valve is reconditioned and/or replaced.	1750231
12/16/2013	3/14/2014		REPLACE-E	REPLACE EQUIPMENT	NL-SV715	Solenoid Valve for Spray Control Valve #15	Place or replace as necessary solenoid when Flow Control Valve is reconditioned and/or replaced.	1750231
12/16/2013	3/14/2014		REPLACE-E	REPLACE EQUIPMENT	NL-SV716	Solenoid Valve for Spray Control Valve #16	Place or replace as necessary solenoid when Flow Control Valve is reconditioned and/or replaced.	1750231
12/16/2013	3/14/2014		REPLACE-E	REPLACE EQUIPMENT	NL-SV717	Solenoid Valve for Spray Control Valve #17	Place or replace as necessary solenoid when Flow Control Valve is reconditioned and/or replaced.	1750231
12/16/2013	3/14/2014		REPLACE-E	REPLACE EQUIPMENT	NL-SV718	Solenoid Valve for Spray Control Valve #18	Place or replace as necessary solenoid when Flow Control Valve is reconditioned and/or replaced.	1750231
12/16/2013	3/14/2014		REPLACE-E	REPLACE EQUIPMENT	NL-SV719	Solenoid Valve for Spray Control Valve #19	Place or replace as necessary solenoid when Flow Control Valve is reconditioned and/or replaced.	1750231
12/16/2013	3/14/2014		REPLACE-E	REPLACE EQUIPMENT	NL-SV720	Solenoid Valve for Spray Control Valve #20	Place or replace as necessary solenoid when Flow Control Valve is reconditioned and/or replaced.	1750231
12/16/2013	3/14/2014		REPLACE-E	REPLACE EQUIPMENT	NL-SV721	Solenoid Valve for Spray Control Valve #21	Place or replace as necessary solenoid when Flow Control Valve is reconditioned and/or replaced.	1750231
12/16/2013	3/14/2014		REPLACE-E	REPLACE EQUIPMENT	NL-SV722	Solenoid Valve for Spray Control Valve #22	Place or replace as necessary solenoid when Flow Control Valve is reconditioned and/or replaced.	1750231
12/16/2013	3/14/2014		REPLACE-E	REPLACE EQUIPMENT	NL-SV723	Solenoid Valve for Spray Control Valve #23	Place or replace as necessary solenoid when Flow Control Valve is reconditioned and/or replaced.	1750231
12/16/2013	3/14/2014		REPLACE-E	REPLACE EQUIPMENT	NL-SV724	Solenoid Valve for Spray Control Valve #24	Place or replace as necessary solenoid when Flow Control Valve is reconditioned and/or replaced.	1750231
12/16/2013	3/14/2014		REPLACE-E	REPLACE EQUIPMENT	NL-SV725	Solenoid Valve for Spray Control Valve #25	Place or replace as necessary solenoid when Flow Control Valve is reconditioned and/or replaced.	1750231
12/16/2013	3/14/2014		REPLACE-E	REPLACE EQUIPMENT	NL-SV726	Solenoid Valve for Spray Control Valve #26	Place or replace as necessary solenoid when Flow Control Valve is reconditioned and/or replaced.	1750231
12/16/2013	3/14/2014		REPLACE-E	REPLACE EQUIPMENT	NL-SV727	Solenoid Valve for Spray Control Valve #27	Place or replace as necessary solenoid when Flow Control Valve is reconditioned and/or replaced.	1750231
12/16/2013	3/14/2014		REPLACE-E	REPLACE EQUIPMENT	NL-SV728	Solenoid Valve for Spray Control Valve #28	Replace flow control valve solenoid as required. Place or replace as necessary solenoid when Flow Control Valve is reconditioned and/or replaced.	1750231

Repaired/ Replaced.

Status Ready
Project Step 730 Spray Heads

Scheduled Start Date	Scheduled Finish Date	Completion Date	Task No.	Description	Equipment No.	Equipment Description	Text	WO No.
2/3/2014	2/3/2014		REPLACE-E	REPLACE EQUIPMENT	NL-NOTEBOO	NLDC NOTEBOOK	Replace or repair sprayheads as necessary based on performance check	1750234

Status Ready
Project Step 830 Reed-Beds

Scheduled Start Date	Scheduled Finish Date	Completion Date	Task No.	Description	Equipment No.	Equipment Description	Text	WO No.
1/6/2014	1/31/2014		CHCK-EQUI	CHECK EQUIPMENT OPERATION	NL-BEDALM01	Alum Sludge Bed #1 (14x80)	After reed harvest check the general condition of the sludge bed hydraulic control components also measure freeboard.	1750253
1/6/2014	1/31/2014		CHCK-EQUI	CHECK EQUIPMENT OPERATION	NL-BEDALM02	Alum Sludge Bed #2 (14x80)	After reed harvest check the general condition of the sludge bed hydraulic control components also measure freeboard.	1750253
1/6/2014	1/31/2014		CHCK-EQUI	CHECK EQUIPMENT OPERATION	NL-BEDALM03	Alum Sludge Bed #3 (14x80)	After reed harvest check the general condition of the sludge bed hydraulic control components also measure freeboard.	1750253
1/6/2014	1/31/2014		CHCK-EQUI	CHECK EQUIPMENT OPERATION	NL-BEDALM04	Alum Sludge Bed #4 (14x80)	After reed harvest check the general condition of the sludge bed hydraulic control components also measure freeboard.	1750253
1/6/2014	1/31/2014		CHCK-EQUI	CHECK EQUIPMENT OPERATION	NL-BEDALM05	Alum Sludge Bed #5 (14x80)	After reed harvest check the general condition of the sludge bed hydraulic control components also measure freeboard.	1750253
1/6/2014	1/31/2014		CHCK-EQUI	CHECK EQUIPMENT OPERATION	NL-BEDALM06	Alum Sludge Bed #6 (14x80)	After reed harvest check the general condition of the sludge bed hydraulic control components also measure freeboard.	1750253
1/6/2014	1/31/2014		CHCK-EQUI	CHECK EQUIPMENT OPERATION	NL-BEDALM07	Alum Sludge Bed #7 (14x80)	After reed harvest check the general condition of the sludge bed hydraulic control components also measure freeboard.	1750253
1/6/2014	1/31/2014		CHCK-EQUI	CHECK EQUIPMENT OPERATION	NL-BEDALM08	Alum Sludge Bed #8 (14x80)	After reed harvest check the general condition of the sludge bed hydraulic control components also measure freeboard.	1750253
1/6/2014	1/31/2014		CHCK-EQUI	CHECK EQUIPMENT OPERATION	NL-BEDALM09	Alum Sludge Bed #9 (14x80)	After reed harvest check the general condition of the sludge bed hydraulic control components also measure freeboard.	1750253
1/6/2014	1/31/2014		CHCK-EQUI	CHECK EQUIPMENT OPERATION	NL-BEDALM10	Alum Sludge Bed #10 (14x80)	After reed harvest check the general condition of the sludge bed hydraulic control components also measure freeboard.	1750253
1/6/2014	1/31/2014		CHCK-EQUI	CHECK EQUIPMENT OPERATION	NL-BEDALM11	Alum Sludge Bed #11 (24x80)	After reed harvest check the general condition of the sludge bed hydraulic control components also measure freeboard.	1750253
1/6/2014	1/31/2014		CHCK-EQUI	CHECK EQUIPMENT OPERATION	NL-BEDALM12	Alum Sludge Bed #12 (14x80)	After reed harvest check the general condition of the sludge bed hydraulic control components also measure freeboard.	1750253
1/6/2014	1/31/2014		CHCK-EQUI	CHECK EQUIPMENT OPERATION	NL-BEDALM13	Alum Sludge Bed #13 (14x80)	After reed harvest check the general condition of the sludge bed hydraulic control components also measure freeboard.	1750253
1/6/2014	1/31/2014		CHCK-EQUI	CHECK EQUIPMENT OPERATION	NL-BEDBIO1A	Bio Sludge Bed #1A (24x40)	After reed harvest check the general condition of the sludge bed hydraulic control components also measure freeboard.	1750253
1/6/2014	1/31/2014		CHCK-EQUI	CHECK EQUIPMENT OPERATION	NL-BEDBIO1B	Bio Sludge Bed #1B (24x40)	After reed harvest check the general condition of the sludge bed hydraulic control components also measure freeboard.	1750253
1/6/2014	1/31/2014		CHCK-EQUI	CHECK EQUIPMENT OPERATION	NL-BEDBIO2A	Bio Sludge Bed #2A (24x40)	After reed harvest check the general condition of the sludge bed hydraulic control components also measure freeboard.	1750253
1/6/2014	1/31/2014		CHCK-EQUI	CHECK EQUIPMENT OPERATION	NL-BEDBIO2B	Bio Sludge Bed #2B (24x40)	After reed harvest check the general condition of the sludge bed hydraulic control components also measure freeboard.	1750253
1/6/2014	1/31/2014		CHCK-EQUI	CHECK EQUIPMENT OPERATION	NL-BEDBIO3A	Bio Sludge Bed #3A (24x40)	After reed harvest check the general condition of the sludge bed hydraulic control components also measure freeboard.	1750253
1/6/2014	1/31/2014		CHCK-EQUI	CHECK EQUIPMENT OPERATION	NL-BEDBIO3B	Bio Sludge Bed #3B (24x40)	After reed harvest check the general condition of the sludge bed hydraulic control components also measure freeboard.	1750253
1/6/2014	1/31/2014		CHCK-EQUI	CHECK EQUIPMENT OPERATION	NL-BEDBIO4A	Bio Sludge Bed #4A (24x40)	After reed harvest check the general condition of the sludge bed hydraulic control components also measure freeboard.	1750253
1/6/2014	1/31/2014		CHCK-EQUI	CHECK EQUIPMENT OPERATION	NL-BEDBIO4B	Bio Sludge Bed #4B (24x40)	After reed harvest check the general condition of the sludge bed hydraulic control components also measure freeboard.	1750253
1/6/2014	1/31/2014		CHCK-EQUI	CHECK EQUIPMENT OPERATION	NL-BEDBIO5A	Bio Sludge Bed #5A (24x40)	After reed harvest check the general condition of the sludge bed hydraulic control components also measure freeboard.	1750253
1/6/2014	1/31/2014		CHCK-EQUI	CHECK EQUIPMENT OPERATION	NL-BEDBIO5B	Bio Sludge Bed #5B (24x40)	After reed harvest check the general condition of the sludge bed hydraulic control components also measure freeboard.	1750253
1/6/2014	1/31/2014		CHCK-EQUI	CHECK EQUIPMENT OPERATION	NL-BEDBIO6A	Bio Sludge Bed #6A (24x40)	After reed harvest check the general condition of the sludge bed hydraulic control components also measure freeboard.	1750253
1/6/2014	1/31/2014		CHCK-EQUI	CHECK EQUIPMENT OPERATION	NL-BEDBIO6B	Bio Sludge Bed #6B (24x40)	After reed harvest check the general condition of the sludge bed hydraulic control components also measure freeboard.	1750253

Status Ready
Project Step 831 Reed Bed Valves

Scheduled Start Date	Scheduled Finish Date	Completion Date	Task No.	Description	Equipment No.	Equipment Description	Text	WO No.
11/11/2013	11/22/2013		CHCK-EQUI	CHECK EQUIPMENT OPERATION	NL-V813A	Bio-sludge Reed Bed 14 - 25 Valve	Check valve operation	1750252
11/11/2013	11/22/2013		CHCK-EQUI	CHECK EQUIPMENT OPERATION	NL-V813B	Bio-sludge Reed Bed 15 - 24 Valve	Check valve operation	1750252
11/11/2013	11/22/2013		CHCK-EQUI	CHECK EQUIPMENT OPERATION	NL-V814A	Bio-sludge Reed Beds 16 - 23 Valve	Check valve operation	1750252
11/11/2013	11/22/2013		CHCK-EQUI	CHECK EQUIPMENT OPERATION	NL-V814B	Bio-sludge Reed Beds 17 - 22 Valve	Check valve operation	1750252
11/11/2013	11/22/2013		CHCK-EQUI	CHECK EQUIPMENT OPERATION	NL-V815A	Bio-sludge Reed Beds 18 - 21 Valve	Check valve operation	1750252
11/11/2013	11/22/2013		CHCK-EQUI	CHECK EQUIPMENT OPERATION	NL-V815B	Bio-sludge Reed Beds 19 - 20 Valve	Check valve operation	1750252

EXHIBIT 'C'

Status Ready
Project Step 831 Reed Bed Valves

Scheduled Start Date	Scheduled Finish Date	Completion Date	Task No.	Description	Equipment No.	Equipment Description	Text	WO No.
11/11/2013	11/22/2013		CHCK-EQUI	CHECK EQUIPMENT OPERATION	NL-V823A	Alum Sludge Reed Bed #1 Valve	Check valve operation	1750252
11/11/2013	11/22/2013		CHCK-EQUI	CHECK EQUIPMENT OPERATION	NL-V823B	Alum Sludge Reed Bed #2 Valve	Check valve operation	1750252
11/11/2013	11/22/2013		CHCK-EQUI	CHECK EQUIPMENT OPERATION	NL-V824A	Alum Sludge Reed Bed #3 Valve	Check valve operation	1750252
11/11/2013	11/22/2013		CHCK-EQUI	CHECK EQUIPMENT OPERATION	NL-V824B	Alum Sludge Reed Bed #4 Valve	Check valve operation	1750252
11/11/2013	11/22/2013		CHCK-EQUI	CHECK EQUIPMENT OPERATION	NL-V825A	Alum Sludge Reed Bed #5 Valve	Check valve operation	1750252
11/11/2013	11/22/2013		CHCK-EQUI	CHECK EQUIPMENT OPERATION	NL-V825B	Alum Sludge Reed Bed #6 Valve	Check valve operation	1750252
11/11/2013	11/22/2013		CHCK-EQUI	CHECK EQUIPMENT OPERATION	NL-V826A	Alum Sludge Reed Bed #7 Valve	Check valve operation	1750252
11/11/2013	11/22/2013		CHCK-EQUI	CHECK EQUIPMENT OPERATION	NL-V826B	Alum Sludge Reed Bed #8 Valve	Check valve operation	1750252
11/11/2013	11/22/2013		CHCK-EQUI	CHECK EQUIPMENT OPERATION	NL-V827A	Alum Sludge Reed Bed #9 Valve	Check valve operation	1750252
11/11/2013	11/22/2013		CHCK-EQUI	CHECK EQUIPMENT OPERATION	NL-V827B	Alum Sludge Reed Bed #10 Valve	Check valve operation	1750252
11/11/2013	11/22/2013		CHCK-EQUI	CHECK EQUIPMENT OPERATION	NL-V828	Alum Sludge Reed Bed #11 Valve	Check valve operation	1750252
11/11/2013	11/22/2013		CHCK-EQUI	CHECK EQUIPMENT OPERATION	NL-V829A	Alum Sludge Reed Bed #12 Valve	Check valve operation	1750252
11/11/2013	11/22/2013		CHCK-EQUI	CHECK EQUIPMENT OPERATION	NL-V829B	Alum Sludge Reed Bed #13 Valve	Check valve operation	1750252

EXHIBIT 'C'

IN THE MATTER OF
DEPARTMENT OF HUMAN SERVICES (NEW LISBON DEVELOPMENTAL CENTER)
EA ID # NEA130001 - 46695

: ADMINISTRATIVE
: CONSENT ORDER

This Administrative Consent Order ("ACO") is entered into pursuant to the authority vested in the Commissioner of the New Jersey Department of Environmental Protection ("DEP") by N.J.S.A. 13:1D-1 et seq., and the New Jersey Water Pollution Control Act ("the Act"), N.J.S.A. 58:10A-1 et seq. and the New Jersey Pollutant Discharge Elimination System regulations, N.J.A.C. 7:14A-1 et seq., and duly delegated to the Administrator of Water and Land Use Enforcement, pursuant to N.J.S.A.13:1B-4.

FINDINGS

1. The Department of Human Services ("DHS") owns and operates the New Lisbon Developmental Center Wastewater Treatment Plant ("the plant") at 104 Route 72, Block 601, Lots 1-6, Woodland Township, Burlington County, New Jersey.

2. DEP issued a New Jersey Pollutant Discharge Elimination System ("NJPDES") Permit No. NJ0070955 ("the Permit") to DHS on June 29, 2001. The effective date of the Permit was July 1, 2001.

3. Pursuant to the Permit, DHS discharges pollutants, as defined by N.J.A.C. 7:14A-1.2, to a surface impoundment from which point it is spray irrigated onto the ground.

4. No person shall discharge any pollutant except in conformity with a valid NJPDES Permit issued pursuant to the New Jersey Water Pollution Control Act, N.J.S.A. 58:10A 1 et seq.

5. Part III of the Permit sets forth specific parameters to be reported on Discharge Monitoring Reports ("DMRs") and identifies discharge limits for each parameter for permitted outfall P01P.

6. DHS has submitted DMRs to the DEP as required by Part III of the Permit for the monitoring periods of May 2012 through July 2013. The DMRs demonstrate that DHS violated the discharge limits of the Permit. Listed below are the dates and parameters which were violated:

EXHIBIT 'D'

Monitoring Period	Discharge Parameter	Permit Limit	Reported Results
05/12	Fecal Coliform	200 col/100mL	2560
06/12	Nitrogen, Total	2.0 mg/L	19.9
06/12	Fecal Coliform	200 col/100mL	>200
07/12	Nitrogen, Total	2.0 mg/L	17.8
07/12	Fecal Coliform	200 col/100mL	1840
08/12	Nitrogen, Total	2.0 mg/L	20.5
09/12	Nitrogen, Total	2.0 mg/L	20.4
10/12	Nitrogen, Total	2.0 mg/L	21.9
11/12	Nitrogen, Total	2.0 mg/L	18.5
12/12	Nitrogen, Total	2.0 mg/L	20.4
01/13	Nitrogen, Total	2.0 mg/L	13.9
02/13	Nitrogen, Total	2.0 mg/L	12.7
04/13	Nitrogen, Total	2.0 mg/L	28.4
05/13	Nitrogen, Total	2.0 mg/L	20.4
06/13	Nitrogen, Total	2.0 mg/L	16.6
07/13	Nitrogen, Total	2.0 mg/L	2.5

The following abbreviations were used in the table above:
col/100mL = colonies per 110 milliliters
mg/L = milligrams per liter

7. According to a June 4, 2012 letter from Chapman Inc. ("Chapman") to the DEP, upon assuming operational responsibility for the plant on May 1, 2012, Chapman began evaluating the treatment plant unit processes and discovered the de-nitrification filter was being bypassed and several units were not functioning properly, specifically the flocculator, the secondary clarifier and the UV disinfection unit. Shortly thereafter, Chapman took the de-nitrification unit completely offline to remove the filter media and evaluate and repair the under drains so that the units could accommodate the entire waste flow and operate as designed. Upon implementing this work on the de-nitrification filters, the above noted violations began. Chapman's first priority was to address the UV disinfection unit, which was cleaned and repairs were made to the control panel and DHS was then able to comply with the Fecal Coliform Permit limit.

8. On April 29, 2013, representatives from DEP met with DHS and representatives of Chapman to discuss various issues related to the plant. During the April 29, 2013 meeting, Chapman representatives explained that when Chapman took over, rather than all of the wastewater going through the de-nitrification units, there was only a trickle of wastewater actually going through, with the majority of the wastewater running over the weir into a "reject tank" which then flowed out to the reed beds instead of going to the oxidation ditch, contrary to the design of the plant. Chapman took the de-nitrification units completely off line to remove the sand and gravel from the four filter cells to examine and repair/replace the under drain so that de-nitrification units would be able to accommodate the entire wastewater stream as designed. By the end of May 2013, Chapman installed new piping, replaced the filter media in the cells, and has been making adjustments to optimize the treatment.

EXHIBIT 'D'

9. During the April 29, 2013 meeting it was also learned that only about 4 out of 100 spray heads were actually functioning properly.

10. The Department is granting affirmative defense relief for the bypass and associated Total Nitrogen violations since DHS properly notified the Department in accordance with N.J.A.C. 7:14A-6.10. Also, since the Fecal Coliform limit is expressed as an instantaneous maximum, it does not require the assessment of mandatory penalties.

11. Based on the facts set forth in these FINDINGS, the DEP has determined that DHS has violated the Water Pollution Control Act, N.J.S.A. 58:10A-1 et seq., and the regulations promulgated pursuant thereto, specifically N.J.A.C. 7:14A- 6.2(a).

12. In order to resolve this matter without trial or adjudication, DHS has agreed to entry of this ACO and to be bound by its terms and conditions.

ORDER

NOW, THEREFORE, IT IS HEREBY ORDERED THAT:

COMPLIANCE SCHEDULE

13. DHS shall take whatever actions are necessary to achieve and maintain compliance with its Permit including, but not limited to the following:

a. perform a comprehensive assessment of all units of the wastewater treatment plant to determine if they are functioning in the manner in which they were designed and approved;
b. perform a comprehensive assessment of the surface impoundment and the spray irrigation system, including the spray heads; and
c. perform a comprehensive assessment of the reed beds.

14. DHS shall submit the assessments noted in paragraph 13 above, to DEP within 60 calendar days from the effective date of this ACO. If any of the units are not functioning as designed or approved, DHS shall submit a corrective action plan and implementation schedule to DEP along with the assessments. Upon DEP's approval, the corrective action plan and implementation schedule will be incorporated into and made part of this ACO.

EXHIBIT 'D'

PROGRESS REPORTS

15. Upon approval of the corrective action plan and implementation schedule noted in paragraph 14 above, DHS shall submit to the Department monthly progress reports until notified by the Department that DHS has fully complied with the ACO. Each progress report shall be submitted on the 15th day of the month following the month being reported. Each progress report shall detail the status of DHS's compliance with the ACO, and shall include the following:

- identification of site and reference to this ACO;
- the status of work at the site and progress to date;
- difficulties or problems encountered during the reporting period;
- actions taken or to be taken to rectify difficulties or problems;
- activities planned for the next reporting period;
- required and actual completion date for each item required by this ACO;
- an explanation of any non compliance with the enforcement compliance schedule;
- performance evaluation of all corrective remedial measures implemented to date; and,
- copies of all sample results obtained during the reported month.

STIPULATED PENALTIES

16. DHS shall pay stipulated penalties to the DEP, as set forth below, for failure to comply with the provisions of this ACO and/or the progress report submission deadlines of this ACO unless the DEP has notified DHS in writing that a stipulated penalty will not be assessed for violations of the compliance schedule pursuant to the force majeure provisions of this ACO.

Calendar Days After Due Date	Per Calendar Day
1-7	$100
8-14	$200
15 r more	$500

17. Within 45 calendar days after DHS's receipt of a written demand from the DEP for stipulated penalties, DHS shall submit a check to the DEP.

18. If DHS fails to pay stipulated penalties pursuant to the preceding paragraphs, the DEP may take action to collect same, including, but not limited to, instituting civil proceedings to collect such penalties pursuant to R. 4:67 and R. 4:70 or assess civil administrative penalties for violations of this ACO.

19. The payment of stipulated penalties does not alter DHS's responsibility to complete all requirements of this ACO.

EXHIBIT 'D'

FORCE MAJEURE

20. If any event occurs which is beyond the control of DHS and which DHS believes will or may cause delay in the achievement of the compliance schedule provisions of this ACO, DHS shall notify the DEP in writing within 7 calendar days of becoming aware of the delay or anticipated delay, as appropriate. In the notification, DHS shall reference this paragraph, describe the anticipated length of the delay, the precise cause or causes of the delay, and any measures taken or to be taken to minimize the delay. DHS shall take all necessary action to prevent or minimize any such delay.

21. The DEP may adjust the deadlines in the compliance schedule of this ACO for a period no longer than the delay if the DEP finds that:

    a. DHS has complied with the notice requirements of paragraph 20;
    b. any delay or anticipated delay has been or will be caused by fire, flood, riot, strike, or other circumstances beyond the control of DHS; and
    c. DHS has taken all necessary actions to prevent or minimize the delay.

22. If the DEP denies DHS's Force Majeure request, DHS may be subject to stipulated penalties. The burden of proving that any delay is caused by circumstances beyond the control of DHS and the length of any such delay attributable to those circumstances shall rest with DHS. Increases in the cost or expenses incurred by DHS in fulfilling the requirements of this ACO shall not be a basis for an extension of time. Delay in an interim requirement shall not automatically justify or excuse delay in the attainment of subsequent requirements. Contractor's breach shall not automatically constitute force majeure.

GENERAL PROVISIONS

23. Neither the entry into this ACO nor the payment of any associated penalty shall constitute an admission of liability by DHS for any of the violations listed herein.

24. Nothing contained in this ACO restricts the ability of the DEP to raise the above Findings in any other proceeding, specifically including, but not limited to, proceedings pursuant to N.J.S.A. 13:1E-126 et seq., (commonly referred to as A-901).

25. This ACO shall be binding on DHS, its respective agents, successors, assigns, and any trustee in bankruptcy or receiver appointed pursuant to a proceeding in law or equity.

26. This ACO shall be fully enforceable as a final Administrative Order in the New Jersey Superior Court.

27. DHS agrees not to contest the terms or conditions of this ACO except that DHS may contest the DEP's interpretation or application of such terms or conditions in any action brought by the DEP to enforce this ACO's provisions.

EXHIBIT 'D'

28. This ACO shall not relieve DHS from obtaining and complying with all applicable federal, state and local permits as well as all applicable statutes, codes, rule, regulations and orders, including but not limited to the statutes and regulations cited herein.

29. No modification or waiver of this ACO shall be valid except by written amendment duly executed by DHS and the DEP or by the DEP's written modification pursuant to the force majeure provisions herein.

30. Unless otherwise specifically provided herein, DHS shall submit all documents required by this ACO, except penalty payments, to the DEP by certified mail, return receipt requested or by hand delivery with an acknowledgment of receipt form for the DEP's signature to:

Mary Simpson, Chief
Southern Bureau of
Water Compliance & Enforcement
2 Riverside Drive, Suite 201
Camden, NJ 08103

The date the DEP receives the certified mail or executes the acknowledgment will be the date the DEP uses to determine DHS's compliance with this ACO.

31. Unless otherwise specifically provided herein, any communication made by the DEP to DHS pursuant to this ACO shall be sent to:

DHS contact & address

32. DHS shall not construe any unwritten or informal advice, guidance, suggestions, or comments by the DEP, or by persons acting on behalf of the DEP, as relieving DHS of its obligations under its permit(s), this ACO, the New Jersey Pollutant Discharge Elimination System regulations, and/or the New Jersey Water Pollution Control Act.

33. In addition to the DEP's statutory and regulatory rights to enter and inspect, DHS shall allow the DEP and its authorized representatives access to the site at all times for the purpose of determining compliance with this ACO.

34. Nothing in this ACO shall preclude the DEP from taking enforcement action against DHS for matters not set forth in the findings of this ACO.

35. No obligations or penalties imposed by this ACO are intended to constitute debt(s) which may be limited or discharged in a bankruptcy proceeding. All obligations and penalties are imposed pursuant to the police powers of the State of New Jersey for the enforcement of the law and the protection of public health, safety, welfare and the environment.

EXHIBIT 'D'

36. DHS shall give written notice of this ACO to any successor in interest thirty (30) calendar days prior to transfer of ownership or control of the facility or facilities which are the subject of this ACO and shall simultaneously notify the DEP that such notice has been given. This requirement shall be in addition to any other statutory or regulatory requirements arising from the transfer of ownership or control of DHS's facility. In addition, the parties agree that any contract, lease, deed or any other agreement that DHS enters into to convey the property/facility that is the subject of this ACO shall include a provision which states that the successor, assignee, tenant or purchaser has agreed to assume the obligations imposed by this ACO.

37. The DEP reserves all statutory and common law rights to require DHS to take additional action(s) if the DEP determines that such actions are necessary to protect public health, safety, welfare and the environment. Nothing in this ACO shall constitute a waiver of any statutory or common law right of the DEP to require such additional measures should the DEP determine that such measures are necessary.

38. This ACO shall be governed and interpreted under the laws of the State of New Jersey.

39. If any provision of this ACO is found invalid or unenforceable, the remainder of this ACO shall not be affected thereby and each provision shall be valid and enforced to the fullest extent permitted by law. The DEP does, however, retain the right to terminate the remainder of this ACO if, after such finding, it determines that the remaining ACO does not serve the purpose for which it was intended.

40. This ACO represents the entire integrated agreement between the DEP and DHS on the matters contained herein.

41. The DEP reserves the right to unilaterally terminate this ACO in the event DHS violates its terms and to take any additional enforcement action it deems necessary.

42. This ACO shall terminate upon receipt by DHS of written notice from the DEP that all the requirements of this ACO have been satisfied.

EXHIBIT 'D'

43. This ACO shall become effective upon the execution hereof by all parties, subject to completion of any required public participation process.

DEPARTMENT OF ENVIRONMENTAL PROTECTION

DATED: _____ BY:_____
Marcedius T. Jameson, Director
Water and Land Use Enforcement

DEPARTMENT OF HUMAN SERVICES

DATED: _____ BY:_____
(signature)

NAME:_____
(please print)

TITLE:_____
By this signature, I certify that I have full authority to execute this document on behalf of DHS.

EXHIBIT 'D'

NEW LISBON DEVELOPMENTAL CENTER
NEW LISBON, NEW JERSEY 08064

Maintenance Department

TO: All contractors and their employees who are engaged in work on the property of New Lisbon Developmental Center

A. Follow the Developmental Center's Rules and Regulations that pertain to contractors and their employees working at the facility.

The Administration is charged with the responsibility of custody welfare of our individuals. All non-State employees are responsible and should comply with the following rules for their own protection as well as the safety of our individuals:

1. No workman is to fraternize with our individuals. Any difficulties with our individuals and/or "State" employees should be handled through your supervisor or foreman. They will contact the facility Engineer in Charge.

2. Do not give anything to or take anything from the individuals at the facility.

3. Lock all cars and trucks and demobilize all equipment when unattended.

4. Issuance of keys to contractors and their employees, carries with it the responsibility for exercising the utmost care in their security.

5. No photographs are to be taken without permission of the Engineer In Charge.

6. All tools and equipment must be secured before leaving at the end of the day. Should equipment such ladders and scaffolding be required to remain up overnight, the contractor shall obtain prior approval of the Engineer In Charge.

7. Warning lights must be displayed at all dangerous areas at night.

8. No firearms, ammunition, hunting knives or other articles of this nature are permitted on the grounds.

9. No alcoholic beverages or controlled dangerous substances (CDS) are permitted on the grounds. Smoking and tobacco products are not permitted on state property. Adhere to Executive Policy #13 which is attached.

EXHIBIT 'E'

10. Institutional Fire Regulations shall be strictly adhered to; contact the Engineer In Charge when in doubt.

11. Please obey 15 M.P.H. speed limit and "No Parking" areas painted yellow.

12. Personal items and supplies shall be stored or kept in central area designated for your use.

13. All excavation will be protected as directed by Engineer In Charge and those across roads must be covered with plates.

14. It is the responsibility of the contractor to secure all tools and equipment.

15. All contractors must report to Engineer In Charge's office when arriving on grounds (Monday thru Friday) and Saturday, Sunday and Holidays (PRS Office – Administration Building) only when approved.

16. No littering permitted. Help keep our Developmental Center clean.

17. No materials, supplies, equipment shipped to the site for contractors will be accepted by our facility. It is the sole responsibility of the contractor to have someone on grounds to accept any item shipped.

18. Use of our telephone is strictly prohibited. Contractor must supply their own telephone hookup at no cost to the State of New Jersey or use cellular phones.

19. Fire Alarm System or Sprinkler System is not to be tampered with or shut down in any way until the Maintenance Department is notified in advance and given the ok.

20. There is to be no "Hot Work" welding, pipe soldering, etc. unless Maintenance is notified so permit can be filled out.

The Administration will regretfully take action against anyone violating these regulations, possibly by prohibiting them working on our property.

Revised: 3/2014, 2/17/2016
Contractorrules.doc

EXHIBIT 'E'

New Lisbon Developmental Center	Policy Number: **Executive Policy #13**
Policy: **Smoking Provisions**	Implementation Date: **April 28, 2016**

The following policy has been established within the framework of the Center's mission and in conformance with applicable statutes, regulations, Department and Division policies.

I. POLICY:

The main responsibility of the New Lisbon Developmental Center (NLDC) is to protect the rights, safety and welfare of the individuals it serves. The following is designed to promote the rights of individuals, employees, and visitors to smoke at NLDC and to provide protections to individuals with PICA behaviors and the rights of non-smokers.

II. PURPOSE:

This policy provides instructions for individuals, employees and visitors who choose to smoke on the grounds of NLDC.

III. STANDARDS:

A. No smoking shall be permitted inside any NLDC buildings.

B. Smoking shall only occur in designated areas on campus that have with smoking receptacles (see attached campus map).

1. Smoking areas for Individuals:
   a. Will be established for individuals who smoke outside their home cottages and will only be used by individuals.
   b. Individuals may smoke at the smoking areas designated for employees and visitors.
   c. Cottage smoking areas will be located a minimum of 20 feet from cottage entrances.
   d. Smoking receptacles shall be checked daily and cleaned and emptied as necessary by the cottage housekeeping employees.

2. Smoking areas for Employees and Visitors:
   a. Employees and visitors may only smoke in designated employee and visitor smoking areas or in their personal vehicles.
   b. Employees and visitor smoking areas will be established at points near Birch and Maple Cottages.
   c. Employees and visitors will not be permitted to smoke at the smoking areas for individuals located near residential cottages.
   d. Smoking receptacles shall be checked daily and cleaned and emptied as necessary by the central housekeeping employees.

EXHIBIT 'E'

C. Employees are only permitted to smoke during their authorized 15 minute or meal breaks.

D. Smoking materials, lighters, and matches, when not in use, must be kept out-of-sight and secured. Smoking materials are not to be left in any unsecured location (i.e. a lounge, unlocked desk or office) at any time.

E. All NLDC Managers, Supervisors, and the Safety Officer are responsible to monitor policy compliance with employees, individuals, and visitors.

F. All NLDC employees are responsible to report any smoking policy violations to the appropriate supervisor for follow-up.

G. All employees, individuals, and visitors are required to adhere to the Center's smoking policy.

IV. ATTACHMENTS:

A. Employee Designated Smoking Locations Map

V. REFERENCES:

Public Law 1985 c. 381 (NJSA 36:3D-46 et. Seq.)
Administrative Order 4:24, "Smoking Policy for Department of Human Services Buildings"
Indoor Air Quality Standard (NJAC 12:00 1:00-13)

VI. Administrative Approval:

David Thomas, Chief Executive Officer

The Specially Constituted Committee-Human Rights Committee reviewed this policy on: **May 2, 2016.**

Policy Issued	November 20, 1989
Revision Dates	July 1, 2015; April 28, 2008; January 20, 2005; February 26, 2004; March 30, 2001; March 27, 1998; April 30, 1995; April 15, 1994

EXHIBIT 'E'

Staff are permitted to smoke only at locations marked on this map with this symbol.

Staff Smoking Areas

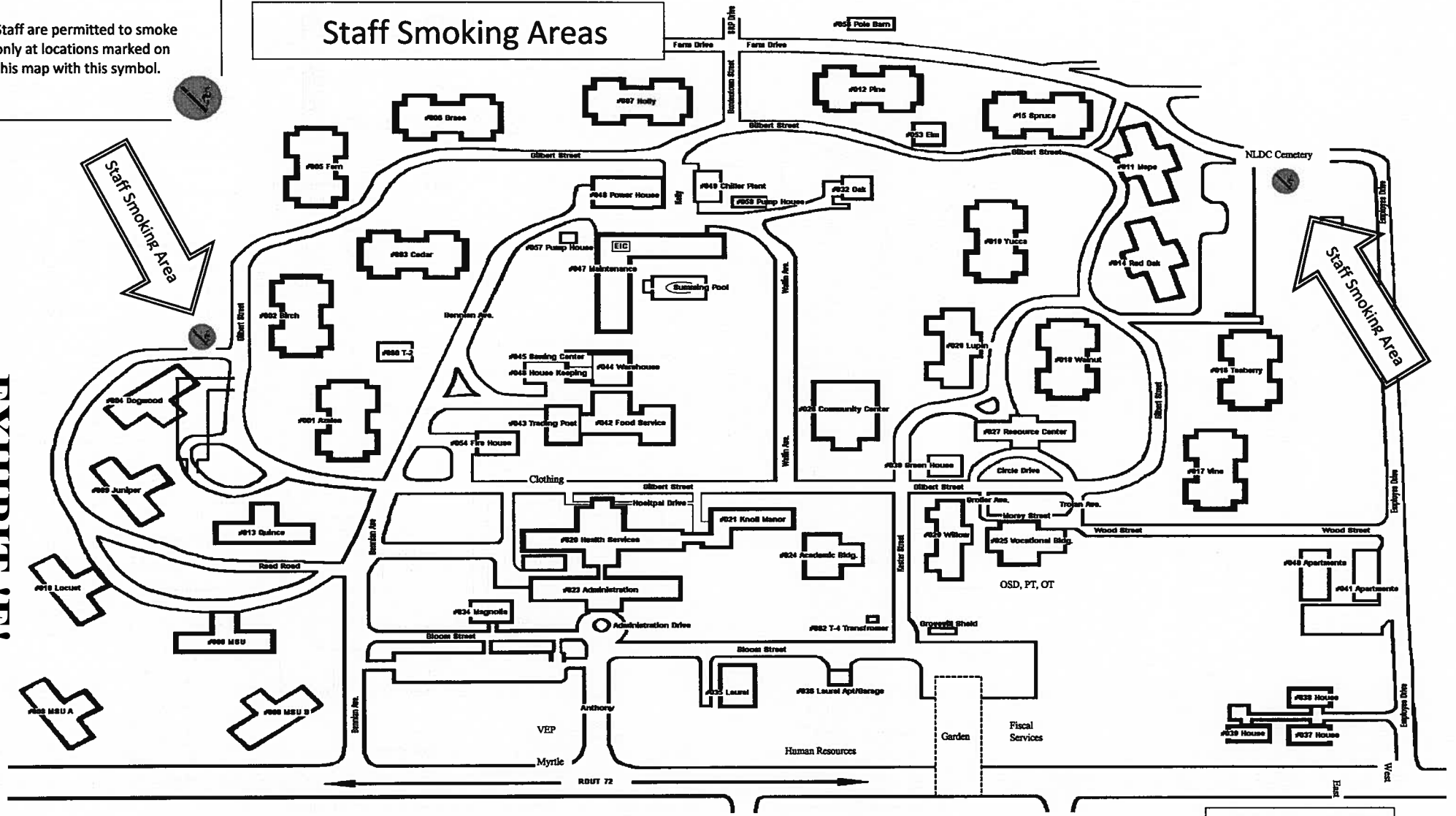


EXHIBIT 'E'

Effective 4/18/16.