



# Florida Department of Environmental Protection

Northeast District  
8800 Baymeadows Way West, Suite 100  
Jacksonville, Florida 32256

Rick Scott  
Governor

Carlos Lopez-Cantera  
Lt. Governor

Jonathan P. Steverson  
Secretary

December 8, 2016

Transmitted via email to: [larry@watsoncll.com](mailto:larry@watsoncll.com)

In the Matter of an  
Application for Permit by:

DEP File No.: 17537-017  
Facility WACS I.D. No.: 86627  
Watson C&D Debris Disposal Facility  
Alachua County – Solid Waste

Mr. Larry R. Watson, President  
Watson C&D, LLC  
12890 NE State Road 24  
Archer, Florida 32618

## **NOTICE OF PERMIT ISSUANCE**

Enclosed is the revised State of Florida Department of Environmental Protection (Department or DEP) Permit Number 17537-016-SO to continue to operate, monitor, maintain, and close the Watson C&D Debris Disposal Facility. The enclosed permit now includes Permit Modification Number 17537-017, which adds Specific Condition p. – Technical Reports in APPENDIX 3 – Water Quality Monitoring Plan, which was previously omitted in the Permit Renewal. This Permit is issued pursuant to Chapter 403, Florida Statutes (F.S.) and Chapters 62-4, 62-520, 62-550, and 62-701 Florida Administrative Code (F.A.C.).

This Permit Modification to the Notice of Permit Issuance, issued on September 29, 2016, adds Specific Condition p. in APPENDIX 3 of the attached Permit, but does not alter the expiration date, the General Conditions, or other Specific Conditions.

This Notice of Permit Issuance and the attached Permit replaces the Permit Renewal issued on September 29, 2016.

This Permit is final and effective on the date filed with the Clerk of the Department unless a petition is filed or unless a request for an extension of time in which to file a petition is filed within the time specified for filing a petition, and conforms to Rule 62-103.070, F.A.C. The procedures for petitioning for a hearing are set forth below.

A person whose substantial interests are affected by this permit may petition for an administrative proceeding (hearing) in accordance with Section 120.57, F.S. The petition must contain the information set forth below and must be filed (received) in the Office of General Counsel of DEP at 3900 Commonwealth Boulevard MS #35, Tallahassee, Florida 32399-3000, within 14 days of receipt of this Permit. Petitioner shall mail a copy of the petition to the applicant at the address indicated above at the time of filing. Failure to file a petition within this time period shall constitute a waiver of any right such person may have to request an administrative determination (hearing) under Section 120.57, F.S.

The Petition shall contain the following information:

- (a) The name, address, and telephone number of each petitioner, the applicant's name and address, DEP Permit File Number and the county in which the project is proposed;
- (b) A statement of how and when each petitioner received notice of DEP's action or proposed action;
- (c) A statement of how each petitioner's substantial interests are affected by DEP's action or proposed action;
- (d) A statement of the material facts disputed by Petitioner, if any;
- (e) A statement of facts which petitioner contends warrants reversal or modification of DEP's action or proposed action;
- (f) A statement of which rules or statutes petitioner contends require reversal or modification of DEP's action or proposed action; and
- (g) A statement of the relief sought by petitioner, stating precisely the action petitioner wants DEP to take with respect to DEP's action or proposed action.

If a petition is filed, the administrative hearing process is designed to formulate agency action. Accordingly, DEP's final action may be different from the position taken by it in this permit. Persons whose substantial interests will be affected by any decision of DEP with regard to the application have the right to petition to become a party to the proceeding. The petition must conform to the requirements specified above and be filed (received) within 14 days of receipt of this notice in the Office of General Counsel at the above address of DEP. Failure to petition within the allowed time frame constitutes a waiver of any right such person has to request a hearing under Section 120.57, F.S., and to participate as a party to this proceeding. Any subsequent intervention will only be at the approval of the presiding officer upon motion filed pursuant to Rule 28-5.207, F.A.C.

When the Order (Permit) is final, any party to the Order has the right to seek judicial review of the Order pursuant to Section 120.68, F.S., by the filing of a Notice of Appeal pursuant to Rule 9.110, Florida Rules of Appellate Procedure, with the Clerk of DEP in the Office of General Counsel, 3900 Commonwealth Boulevard, MS #35, Tallahassee, Florida 32399-3000;

and by filing a copy of the Notice of Appeal accompanied by the applicable filing fees with the appropriate District Court of Appeal. The Notice of Appeal must be filed within 30 days from the date the Final Order is filed with the Clerk of DEP.

Mediation is not available for this permit renewal.

Executed in Duval County, Florida.

STATE OF FLORIDA DEPARTMENT  
OF ENVIRONMENTAL PROTECTION



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Richard S. Rachal III, P.G.  
Permitting Program Administrator

Copies furnished to:

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Brian Durden, DEP, [Brian.Durden@dep.state.fl.us](mailto:Brian.Durden@dep.state.fl.us)

FILING AND ACKNOWLEDGEMENT/CERTIFICATE OF SERVICE

Filed on this date pursuant to § 120.52, Florida Statutes, with the designated Department Clerk, receipt of which is hereby acknowledged. The undersigned hereby certifies that this Permit and all copies were sent before the close of business on December 8, 2016 to the listed persons.



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Clerk

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12/8/16  
Date



# Florida Department of Environmental Protection

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Secretary

Northeast District  
8800 Baymeadows Way West, Suite 100  
Jacksonville, Florida 32256

Permit Issued to:

Watson C&D, LLC  
12890 NE State Road 24  
Archer, Florida 32618  
Phone # 352.495.9449

WACS Facility ID No.: 86627  
Facility Name: Watson C&D Debris Disposal Facility  
Facility Address: 20103 SW Archer Road  
Archer, Florida

Contact Person:  
Brian Wintjen, General Manager  
Watson C&D, LLC  
12890 NE State Road 24  
Email address: [brian@watsoncl.com](mailto:brian@watsoncl.com)  
Phone # 352.495.9948

## **Solid Waste Permit Renewal Permit – C&D Debris Disposal Facility with Recycling**

Renewal Permit No.: 17537-016-SO  
Replaces Permit No.: 17537-010-SO

Permit Issued: September 29, 2016  
Permit Modified: December 8, 2016  
Permit Renewal Application Due Date: date 61 days prior to expiration  
Permit Expires: September 29, 2026

**Permitting Authority**  
Florida Department of Environmental Protection  
Northeast District Office  
8800 Baymeadows Way West, Suite 100  
Jacksonville, Florida 32256  
Phone # 904.256.1700  
Fax # 904.256.1587

## **SECTION 1 - SUMMARY INFORMATION**

### **A. Authorization**

The Permittee is hereby authorized to continue to operate, monitor, manage, and close the Watson C&D Debris Disposal Facility (Facility). The Permittee is required to be in compliance with the specific and general conditions of this Permit and any documents attached to this Permit or specifically referenced in this Permit and made a part of this Permit.

This solid waste renewal is issued under the provisions of Chapter 403, Florida Statutes (F.S.), Florida Administrative Code (F.A.C.) Chapters 62-4, 62-520, 62-550, and 62-701. This permit does not relieve the Permittee from complying with any other appropriate local zoning or land use ordinances or with any other laws, rules or ordinances. Receipt of any permits from the Department does not relieve the applicant from obtaining other federal, state, and local permits and/or modifications required by law, including those from other Sections within the Department or of the Water Management District.

### **B. Facility Location**

The Facility is located approximately 2.5 miles west of Archer, Alachua County, Florida at 20103 SW Archer Road. The location is further identified as latitude 29°30'38"N and longitude 82°33'15"W, which is in Section 19, Township 11 South, Range 18 East. Vicinity Map of the Facility is provided as ATTACHMENT 1. Aerial Plan of the Facility is provided as ATTACHMENT 2.

### **C. Facility Description**

The Facility's total site area is 41.5 acres of which 34 acres are used for the disposal of construction and demolition (C&D) debris. Site Plan of the Facility is provided as ATTACHMENT 3. The Facility may accept up to 1,400 cubic yards per day of waste for disposal and recycling during normal operating conditions. Recyclable materials will be recovered from the waste stream, and reused or transported to recycling facilities. Waste residue, which prohibited for a disposal, shall be transferred to appropriately permitted disposal facilities.

The Facility design includes a Groundwater Monitoring Plan. The Facility's management and storage of surface water system is permitted through DEP Permit No. 01-17537-004-SI and shall be constructed prior to filling wastes above grade.

### **D. Appendices Made Part of This Permit**

APPENDIX 1 - General Conditions

APPENDIX 2 – Approved Application Documents

APPENDIX 3 – Water Quality Monitoring Plan

APPENDIX 3.1 – Groundwater Monitoring Well Locations

APPENDIX 3.2 – Initial Background Groundwater Parameters

APPENDIX 3.3 – Semi-annual Groundwater Parameters

APPENDIX 3.4 – Guidance for Submitting Electronic Water Quality Data to the Solid Waste Program

APPENDIX 3.5 – Permit Renewal Groundwater Parameters

APPENDIX 3.6 – Monitoring Well Abandonments Plan

### **E. Attachment Made Part of This Permit**

ATTACHMENT 1 – Vicinity Map

ATTACHMENT 2 – Aerial Plan

ATTACHMENT 3 – Site Plan

ATTACHMENT 4 – Final Grading Plan

## **SECTION 2 - SPECIFIC CONDITIONS**

### **A. Administrative Requirements**

1. Documents Part of This Permit. The Permit Application as revised in final form replaced or amended in response to the Department's Request(s) for Additional Information are contained in the Department's files and are made a part of this permit. Those documents that make up the complete Permit Application are listed in APPENDIX 2.
2. Permit Modification. Any change to construction, operation, monitoring, or closure requirements of this permit may require a modification to this permit, in accordance with the provisions of Rule 62-701.320(4), F.A.C.
3. Permit Renewal. In order to ensure uninterrupted operation of this Facility, a timely and sufficient permit renewal application must be submitted to the Department in accordance with Rule 62-701.320(10), F.A.C. A permit application submitted at least 61 days prior to the expiration of this permit is considered timely and sufficient.
4. Transfer of Permit or Name Change. In accordance with Rule 62-701.320(11), F.A.C., the Department must be notified by submitting Form 62-701.900(8) within 30 days: (a) of any sale or conveyance of the facility; (b) if a new or different person takes ownership or control of the facility; or (c) if the facility name or Permittee's legal name is changed.

## B. Construction Requirements

The Facility's management and storage of surface water system shall be constructed prior to filling wastes above grade in accordance with the DEP Permit No. 01-17537-004-SI.

## C. Operation Requirements

1. General Operating Requirements. The Permittee shall operate the Facility in accordance with the approved Operations Plan provided in Document 5, as listed in APPENDIX 2 of this permit. The Department shall be notified before any changes, other than minor deviations, to the approved Operations Plan are implemented in order to determine whether a permit modification is required.
2. Operations Plan. A copy of the approved Operations Plan, as defined in paragraph Rule 62-701.730(7)(a), F.A.C., shall be kept at the Facility office and shall be accessible to the facility operators. The Operations Plan shall be updated and submitted to the Department as operations change, at fifth year of the permit by July 1, 2021 and at the time of permit renewal. A tracked changes copy of the Operations Plan (i.e., all additions are underlined (e.g., added) and all deletions are struck through (e.g., ~~deleted~~) should be provided to better enable to determine if a permit modification is warranted. Additionally, the submittal should make a positive statement that all revisions have been tracked in the aforementioned way.
3. Authorized Waste Types. The facility is authorized to manage only the following:
  - a. Construction and demolition debris as defined in Rule 62-701.200, F.A.C.; and
  - b. Recovered materials as defined in Rule 62-701.200, F.A.C.
4. Unauthorized Waste Types. The Facility is not authorized to accept, process or dispose any waste types not listed in C.3. above. Any unauthorized waste inadvertently received by the Facility shall be managed in accordance with the approved Operations Plan. Putrescible waste shall be removed for disposal within 48 hours. However, if the measures specified in the Operations Plan are implemented and vectors and odors are controlled, putrescible waste may be stored for up to seven days.
5. Contingency Plan and Notification of Emergencies. The Permittee shall notify the Department in accordance with the approved Contingency Plan. Notification shall be made to the Solid Waste Section of the Department's Northeast District 904.256.1700.
6. Housekeeping. The Facility shall be operated to control dust, vectors, litter, and objectionable odors. If objectionable odors are confirmed beyond the landfill property boundary, the owner or operator shall implement the odor remediation plan.
7. Spotters and Operators. This Facility shall have the minimum number of trained and interim spotters, and equipment operators present when waste is accepted as specified in the Operations Plan. A trained operator shall be on duty at the Facility at all times the Facility is operating. Approved training courses can be found at the following web site: <http://www.treeo.ufl.edu/sw/>.

8. Annual Report Requirements. The Permittee shall submit an annual report to the Department on Form 62-701.900(7) or through the Department's Business Portal located at: <http://www.fldepportal.com/go/>. This report shall include a summary of the amounts and types of wastes disposed of or recycled. The county of origin of materials that are recycled, or a statement that the county of origin is unknown, shall be included in the report. Also, the Permittee shall maintain logs of the amount of material pulled from the C&D waste stream, stored, and removed from the Facility for recycling, on a daily and monthly basis. The report shall be submitted no later than February 1 of each year and shall cover the preceding calendar year.
9. Hazardous Waste. If any regulated hazardous wastes are discovered to be deposited at the Facility, the Facility operator shall promptly notify the Department, the person responsible for shipping the wastes to the Facility, and the generator of the wastes, if known. The area where the wastes are deposited shall immediately be cordoned off from public access. If the generator or hauler cannot be identified, the Facility operator shall assure the cleanup, transportation, and disposal of the waste at a permitted hazardous waste management facility. In the event that hazardous wastes are discovered they shall be managed in accordance with the procedures provided in the Operations Plan.
10. Stormwater. Leachate shall not be discharged into the stormwater management system. Stormwater or other surface water which comes into contact with or mixes with the solid waste or leachate shall be considered leachate and is subject to the requirements of Rule 62-701.500(8), F.A.C.
11. Disposal Facility Elevation. The final (maximum) grades and elevations for the disposal area, including final cover, shall not exceed 148 feet NAVD88 as shown on Site Plan, provided with Document 7, and presented as ATTACHMENT 4 of this permit. The Permittee shall grade the waste during daily operations to ensure the proposed final contours will be met.
12. Waste Management and Handling.
  - a. The Facility may accept a maximum quantity of 1,400 cubic yards of waste during any one working day, as long as a minimum of two spotters, and one equipment operator, who shall also function as a spotter, for a minimum total of three trained and/or interim spotters shall be on duty at the Facility.
  - b. When the waste is below natural grade in the pit, all slopes shall be no greater than three feet horizontal to one foot vertical rise (i.e., 3:1).
  - c. When the waste is above natural grade, the exterior side slopes shall not exceed a slope steeper than 4:1, including during operations.
  - d. Solid waste shall be formed into cells to construct horizontal lifts. The working face and internal slopes shall not be greater than 3:1. Lift depth shall be no greater than ten feet.
  - e. Waste disposal activities shall only be conducted within the limits of waste shown on Drawing C2.10, provided with Document 7.
  - f. The Permittee shall fill the disposal area to natural grade in the initial phase (Phase 0). Starting with Area 0-I then moving clockwise filling Areas 0-II, 0-III, 0-IV, leaving the existing hauling route intact. After natural grade is reached, and



- the required preparations are completed and accepted, the Permittee may conduct waste disposal activities above natural grade.
- g. Waste disposal activities that take place above natural grade shall be conducted in the following sequence: Phase I, Phase II, Phase III, and Phase IV. Waste filling shall begin at the southern boundary of each phase and progress northward to the northern boundary of the phase as shown on Drawings C1.10, C2.00, and C2.10, provided with Document 7.
  - h. The toe of an interior slope may extend into an adjacent phase by no more than 200 feet.
13. Temporary Cap. The Permittee shall place the temporary cap on the Phase 0 when the operation reaches natural ground level in the respective area. The temporary cap shall consist of a minimum six-inch thick layer of clay. The temporary cap shall be maintained until the Facility commences waste disposal activities in the respective phase above it (i.e., Phases II, III, and IV) in accordance with the Closure Plan.
14. Preparations for Waste Receipt. Prior to placing waste in a waste disposal area above natural grade, the Permittee shall conduct the following activities:
- a. Markers. Prior to conducting waste disposal activities above natural grade, the Permittee shall mark the limits of waste for the entire disposal area in the field by providing wood or metal fence posts (Posts) at an interval of no less than one every 100 feet and at all corners, along the perimeter of the entire waste disposal area. The Posts shall be clearly visible with no vegetative overgrowth. The Permittee shall provide DEP with written notification along with the Certification of Construction Completion that the Posts were installed and provide record drawings indicating their locations.
  - b. Maintenance Strip. The Permittee shall provide and maintain a ten-foot wide maintenance strip around the entire perimeter of the waste disposal limits prior to conducting waste disposal activities above natural grade, and shall provide the written notification of its construction to DEP.
  - c. Stormwater System. Prior to the Permittee placing waste above natural grade, the management and storage of surface water (MSSW) system shall be constructed and operated in accordance with the associated Environmental Resource Permit (ERP). The Permittee is to obtain written approval of the certification of construction completion of the stormwater management system from DEP's ERP Section prior to placing waste above natural grade.
  - d. Certification of Construction Completion. Prior to conducting waste disposal activities above natural grade, the Permittee shall have the Engineer of Record certify on DEP Form 62-701.900(2), that the construction, including the installation of the items required by this Specific Condition, is complete and was performed in accordance with Drawing C1.10, provided with Document 7.
15. Recycling Facility Operating Requirements.
- a. The Permittee may pull from the C&D waste stream the recoverable materials for recycling. The materials shall be placed and temporarily stored near the working face in the designated roll-off containers. The Permittee may conduct waste

- recycling activities only within the limits of waste of those Phases that have not yet been certified closed.
- b. The Permittee shall maintain daily logs of the quantity of solid waste received, stored, disposed, and removed from the site for recycling, and the county of origin of the waste, if known. These records shall include each type of solid waste, recovered materials, residuals, and unacceptable waste which is recycled and disposed. Such records shall be compiled on a monthly basis and shall be available for inspection by the Department. Records shall be retained at the Facility for three years.
  - c. The Permittee may remove uncontaminated concrete from the C&D waste stream for processing or transport to a facility for recycling and/or reuse. Concrete crushing operations are only authorized after all the required permits and authorizations are obtained from the applicable local, state, and/or federal agencies (e.g., the Department's Air Section and/or from the Alachua County Public Works Department). Only clean debris as defined by Rule 62-701.200, F.A.C., including uncontaminated concrete and its embedded pipe or steel may be crushed or processed at the Facility.

#### **D. Water Quality Monitoring Requirements**

1. Zone of Discharge. The zone of discharge for this Facility shall be a three dimensional volume defined in the horizontal plane as extending 100 feet from the permitted edge of the solid waste disposal unit; or to the property boundary; whichever is less, as depicted in Appendix 3.1 of the Water Quality Monitoring Plan, and defined vertically as extending from the top of the ground to the base of the first aquifer or of the first semi-aquitard within the first aquifer.
2. Water Quality Standards. The Permittee shall ensure that Class G-II water quality standards will not be exceeded at the boundary of the zone of discharge, per Rule 62-520.420, F.A.C., and that ground water minimum criteria will not be exceeded outside the boundary of the zone of discharge, per Rule 62-701.320(18), F.A.C.
3. Water Quality Monitoring Plan. The Water Quality Monitoring Plan for this permit is included in APPENDIX 3.

#### **E. Odor Remediation Plan**

The Facility shall be operated to control objectionable odors. If objectionable odors are confirmed beyond the property boundary then upon notification by the Department the Permittee shall develop and implement an odor remediation plan in accordance with the requirements of Rule 62-701.530(3)(b), F.A.C.

#### **F. Financial Assurance and Cost Estimates**

1. Financial Assurance Mechanism. The Permittee shall maintain, in good standing, the financial assurance mechanisms established to demonstrate proof of financial assurance. Support documentation and evidence of inflation adjustment increases shall be submitted

within the time frames specified in Rule 62-701.630, F.A.C. All submittals in response to this specific condition shall be sent to:

Florida Department of Environmental Protection  
Financial Coordinator - Solid Waste Section  
2600 Blair Stone Road, MS 4565  
Tallahassee, Florida 32399-2400

2. Annual Cost Estimates. The Permittee shall annually adjust the closure cost estimate(s) for inflation using Form 62-701.900(28). Adjustments shall be made in accordance with Rule 62-701.630(4), F.A.C. and, as applicable, 40 CFR Part 264.142(a) and 264.144(a). An owner or operator using a letter of credit, guarantee bond, performance bond, financial test, corporate guarantee, trust fund or insurance shall submit the adjusted cost estimate(s) between January 1 and March 1. An owner or operator using an escrow account shall submit the adjusted estimate(s) between July 1 and September 1. All submittals in response to this specific condition shall be sent to the District Office and a copy to the address identified in Specific Condition F.1. or to the following email address: [Solid.Waste.Financial.Coordinator@dep.state.fl.us](mailto:Solid.Waste.Financial.Coordinator@dep.state.fl.us).
3. Cost Estimates. Pursuant to Rule 62-701.730(11)(a), F.A.C., at fifth year of the permit by March 1, 2021 and at the time of permit renewal, the Permittee shall revise, and provide the updated cost estimates to the Department. Revisions shall be made by recalculating (by a professional engineer) the total cost of closure and long-term care, in current dollars, for a third party to perform the work.

### **G. Closure Requirements**

1. Closure Requirements. All closure construction shall be done in accordance with the approved Closure Plan, provided in Document 5 and as shown on the Final Grading Plan, presented as ATTACHMENT 4 of this permit. Final cover and seeding or planting of vegetative cover shall be placed on each Phase within 180 days after it has reached its final grade or ceased receiving waste. The final elevation for the Facility, including final cover, shall not exceed 148 feet NAVD88. The Department shall be notified before any changes, other than minor deviations, to the approved closure design are implemented in order to determine whether a permit modification is required.
2. Temporary Closure. Placement of final cover may be delayed if additional waste will be deposited on the disposal Phase within five years, but only if the disposal Phase is temporarily closed in accordance with Rule 62-701.730(9)(d), F.A.C. Specifically, final cover shall be installed on side slopes of each completed Phase, which will not receive additional waste; and an intermediate cover (i.e., a layer of compacted earth at least one foot in depth) shall be installed in Phase within 30 days after the disposal unit stops accepting waste.
3. Certification of Closure Construction Completion. After closure construction has been completed, the engineer of record shall certify to the Department on Form 62-701.900(2) that the closure is complete and that it was done in accordance with the plans submitted

to the Department except where minor deviation was necessary. All deviations shall be described in detail and the reasons therefore enumerated.

### H. Long-Term Care Requirements for Disposal Units

1. Long-Term Care Period. After the closure, the Permittee shall continue to monitor and maintain the integrity and effectiveness of the final cover as well as other appurtenances of the Facility, control erosion, fill subsidences, comply with the ground water monitoring plan, and maintain the stormwater system. The Facility's long term care period will be five years from the date of the official closure date, which will be determined pursuant to Rule 62-701.730(9)(f), F.A.C. Pursuant to subsection 62-701.730(10), F.A.C., the Long-Term Care period can be extended.
2. Stormwater. Leachate shall not be discharged into the stormwater management system. Stormwater or other surface water which comes into contact with or mixes with the solid waste or leachate shall be considered leachate and is subject to the requirements of Rule 62-701.500(8), F.A.C.

Executed in Duval County, Florida.

STATE OF FLORIDA DEPARTMENT  
OF ENVIRONMENTAL PROTECTION



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Richard S. Rachal III, P.G.  
Permitting Program Administrator

### FILING AND ACKNOWLEDGEMENT/CERTIFICATE OF SERVICE

Filed on this date pursuant to § 120.52, Florida Statutes, with the designated Department Clerk, receipt of which is hereby acknowledged. The undersigned hereby certifies that this Permit and all copies were sent before the close of business on December 8, 2016 to the listed persons.



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Clerk

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12/8/16

Date

## APPENDIX 1

### General Conditions

1. The terms, conditions, requirements, limitations and restrictions set forth in this permit, are "permit conditions" and are binding and enforceable pursuant to Sections 403.141, 403.161, 403.727, or 403.861, Florida Statutes. The permittee is placed on notice that the Department will review this permit periodically and may initiate enforcement action for any violation of these conditions.
2. This permit is valid only for the specific processes and operations applied for and indicated in the approved drawings or exhibits. Any unauthorized deviation from the approved drawings, exhibits, specifications, or conditions of this permit may constitute grounds for revocation and enforcement action by the Department.
3. As provided in subsections 403.087(6) and 403.722(5), F.S., the issuance of this permit does not convey any vested rights or any exclusive privileges. Neither does it authorize any injury to public or private property or any invasion of rights, nor any infringement of federal, State, or local laws or regulations. This permit is not a waiver of or approval of any other Department permit that may be required for other aspects of the total project which are not addressed in this permit.
4. This permit conveys no title to land or water, does not constitute State recognition or acknowledgment of title, and does not constitute authority for the use of submerged lands unless herein provided and the necessary title or leasehold interests have been obtained from the State. Only the Trustees of the Internal Improvement Trust Fund may express State opinion as to title.
5. This permit does not relieve the permittee from liability for harm or injury to human health or welfare, animal, or plant life, or property caused by the construction or operation of this permitted source, or from penalties therefore; nor does it allow the permittee to cause pollution in contravention of Florida Statutes and Department rules, unless specifically authorized by an order from the Department.
6. The permittee shall properly operate and maintain the facility and systems of treatment and control (and related appurtenances) that are installed and used by the permittee to achieve compliance with the conditions of this permit, as required by Department rules. This provision includes the operation of backup or auxiliary facilities or similar systems when necessary to achieve compliance with the conditions of the permit and when required by Department rules.
7. The permittee, by accepting this permit, specifically agrees to allow authorized Department personnel, upon presentation of credentials or other documents as may be required by law and at reasonable times, access to the premises where the permitted activity is located or conducted to:
  - (a) Have access to and copy any records that must be kept under conditions of the permit;
  - (b) Inspect the facility, equipment, practices, or operations regulated or required under this permit; and

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(c) Sample or monitor any substances or parameters at any location reasonably necessary to assure compliance with this permit or Department rules. Reasonable time may depend on the nature of the concern being investigated.

8. If, for any reason, the permittee does not comply with or will be unable to comply with any condition or limitation specified in this permit, the permittee shall immediately provide the Department with the following information:

- (a) A description of and cause of noncompliance; and
- (b) The period of noncompliance, including dates and times; or, if not corrected, the anticipated time the noncompliance is expected to continue, and steps being taken to reduce, eliminate, and prevent recurrence of the noncompliance.

The permittee shall be responsible for any and all damages which may result and may be subject to enforcement action by the Department for penalties or for revocation of this permit.

9. In accepting this permit, the permittee understands and agrees that all records, notes, monitoring data and other information relating to the construction or operation of this permitted source which are submitted to the Department may be used by the Department as evidence in any enforcement case involving the permitted source arising under the Florida Statutes or Department rules, except where such use is prescribed by Sections 403.111 and 403.73, F.S. Such evidence shall only be used to the extent it is consistent with the Florida Rules of Civil Procedure and appropriate evidentiary rules.

10. The permittee agrees to comply with changes in Department rules and Florida Statutes after a reasonable time for compliance; provided, however, the permittee does not waive any other rights granted by Florida Statutes or Department rules.

11. This permit or a copy thereof shall be kept at the work site of the permitted activity.

12. The permittee shall comply with the following:

(a) Upon request, the permittee shall furnish all records and plans required under Department rules. During enforcement actions, the retention period for all records will be extended automatically unless otherwise stipulated by the Department.

(b) The permittee shall hold at the facility or other location designated by this permit records of all monitoring information (including all calibration and maintenance records and all original strip chart recordings for continuous monitoring instrumentation) required by the permit, copies of all reports required by this permit, and records of all data used to complete the application for this permit. These materials shall be retained at least three years from the date of the sample, measurement, report, or application unless otherwise specified by Department rule.

(c) Records of monitoring information shall include:

- 1. the date, exact place, and time of sampling or measurements;
- 2. the person responsible for performing the sampling or measurements;

## APPENDIX 1

3. the dates analyses were performed;
4. the person responsible for performing the analyses;
5. the analytical techniques or methods used;
6. the results of such analyses.

13. When requested by the Department, the permittee shall within a reasonable time furnish any information required by law which is needed to determine compliance with the permit. If the permittee becomes aware the relevant facts were not submitted or were incorrect in the permit application or in any report to the Department, such facts or information shall be corrected promptly.

## APPENDIX 2

### Approved Application Documents

This Permit includes DEP File Number 17537-016, and is issued in accordance with the pre-application information received on March 30, April 1, April 4, 2016, the Permit Application received on April 29, 2016, the supplemental information provided on August 12, August 15 and which are further specified below. Also, the documentation submitted to demonstrate financial assurance was reviewed and approved by the Department on September 29, 2016.

**Document 1** – *The revised/updated Water Quality Monitoring Plan for the Watson C&D Disposal Facility in support of the upcoming permit renewal*, prepared by NOVA HydroGeologic LLC, signed and sealed by Mark A. Novokowsky, P.G., dated and received March 30, 2016;

**Document 2** – *Revised 2016 Technical Report and Water Quality Monitoring Plan*, prepared by NOVA HydroGeologic LLC, signed and sealed by Mark A. Novokowsky, P.G., dated and received April 1, 2016;

**Document 3** – *Watson C&D - Revised 2016 Technical Report and Water Quality Monitoring Plan*, Response to comments related to a groundwater review, prepared and submitted by Mark A. Novokowsky, P.G. of NOVA HydroGeologic LLC on April 4, 2016;

**Document 4** – *Watson C&D Facility, FDEP Permit Renewal*, prepared by eda engineers-surveyors-planners, inc., signed and sealed by Sergio Reyes, P.E., dated and received on April 29, 2016;

**Document 5** – *Watson C&D Facility, Responses to DEP's Request for Additional Information for a permit renewal application*, prepared by eda engineers-surveyors-planners, inc., signed and sealed by Sergio Reyes, P.E., submitted by Stephanie Sutton on August 12, 2016;

**Document 6** – *Watson C&D Facility, Responses to DEP's Request for Additional Information for a permit transfer*, prepared by eda engineers-surveyors-planners, inc., signed and sealed by Sergio Reyes, P.E., submitted by Stephanie Sutton on August 15, 2016; and

**Document 7** – *Watson C&D Facility, Site Plans*, signed and sealed by Sergio Reyes, P.E. of eda engineers-surveyors-planners, inc., submitted by Stephanie Sutton on August 15, 2016.



APPENDIX 3  
**Water Quality Monitoring Plan**

**Groundwater Monitoring.** In accordance with Rules 62-701.510 and 62-520.600, F.A.C., the Permittee shall install, place into operation, and maintain a groundwater quality monitoring system.

- a. General Requirements. The Permittee shall construct new wells, operate and maintain the groundwater monitoring system, and abandon wells in accordance with Chapters 62-520 and 62-701, F.A.C. and with the Groundwater Monitoring Plan, as presented in the Permit Documents noted at the beginning of this Permit and as modified by the conditions specified therein.
- b. Zone of Discharge. The zone of discharge for this Facility shall be a three dimensional volume defined in the horizontal plane as extending 100 feet from the permitted edge of the solid waste disposal unit; or to the property boundary; whichever is less and defined vertically as extending from the top of the ground to the base of the first aquifer or of the first semi-aquitard within the first aquifer.
- c. Class G-II Requirements. Pursuant to Rule 62-520.420, F.A.C., the Permittee shall ensure that the water quality standards for Class G-II groundwater shall not be exceeded at the boundary of the ZOD.
- d. Minimum Criteria. The Permittee shall ensure that the minimum criteria for groundwater specified in Rule 62-520.400, F.A.C., are not violated within the ZOD.
- e. Monitoring Plan. Pursuant to Rules 62-520.600 and 62-701, F.A.C. the Groundwater Monitoring Plan incorporates the following wells and piezometers (see also APPENDIX 3.1):

Background Well:	Well No. MW-1BR2
Detection Wells:	Well No. MW-2DR2 Well No. MW-3DR2 Well No. MW-4DR3 Well No. MW-5DR2 Well No. MW-6DR2
Compliance Wells: (to be installed and sampled if contamination is detected in the associated detection well)	Well No. CW-2 Well No. CW-3 Well No. CW-4 Well No. CW-5 Well No. CW-6

- f. New Well Requirements. The Permittee shall submit, the following information to the Department within 15 days of completion of construction of any new groundwater monitoring well(s) (permanent and temporary):

Well identification	Driller's Lithologic Log
Latitude/Longitude	Total well depth
Aquifer monitored	Casing diameter

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Screen type and slot size	Casing type and length
Elevation at top of pipe	Well construction permit number
Elevation at land surface	Depth to groundwater

New groundwater monitoring wells shall be designed and constructed in accordance with Chapter 62-520, F.A.C. and ASTM Standard D-5092. A surveyed drawing shall be submitted showing the horizontal location of all monitoring wells by metes and bounds or equivalent surveying techniques. The surveyed drawing shall include the monitoring well identification number as well as the location and elevation of all permanent benchmark(s) and/or corner monument marker(s) at the site. The survey shall be conducted by a Florida Licensed Professional Surveyor and Mapper.

Unless they are replacement well(s) or new compliance wells, any newly installed monitoring well(s) shall be sampled and those samples shall be analyzed for the parameters listed APPENDIX 3.2, as required by Rule 62-701.510(7)(a), F.A.C., to establish background groundwater quality.

- g. Well Abandonment. Within 60 days of issuance of this Permit, all piezometers and wells not a part of the permit groundwater monitoring plan are to be plugged and abandoned in accordance APPENDIX 3.6 and with St. Johns River Water Management District Rule 40B-3.531. However, a written request for the abandonment of any piezometers or wells shall be submitted to the Department and written approval of the abandonment obtained prior to any abandonment. A written report documenting the plugging and abandonment activities shall be submitted to the Department within 30 days of field activities. All piezometers and wells not abandoned shall be properly maintained and routinely inspected in conjunction with the semiannual groundwater sampling.
- h. Well Inspection Requirements. A visual inspection of wells and piezometers to assess visible damage shall be conducted in conjunction with the semiannual sampling events. All wells are to be clearly labeled and easily visible at all times. The well components at and above ground surface shall be constructed in a manner that secures and protects the groundwater monitoring wells. At each well location, construction shall include a concrete surface pad and above ground vertical protective casing with a locking cap. The casing and top shall be maintained in good working order, intact and locked. A minimum of two protective bollards shall be placed at the edges of the concrete surface pad. Bollards shall, at a minimum, be the approximate height of the protective casing and constructed of materials capable of providing protection from accidental impact with machinery.
- i. Damaged Well Requirements. In the event any monitoring well becomes damaged or inoperable, the Permittee shall notify the Department within 72 hours and shall submit a detailed written report within seven days. The written report shall detail the problem that has occurred and remedial measures that have been taken to prevent a recurrence. Damaged wells shall be repaired or replaced within 60 days. If a monitoring well is unable to be sampled during its normal time

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**Water Quality Monitoring Plan**

frame, it shall be sampled within 30 days of repair or replacement and its analysis shall be submitted to the Department within 60 days of repair or replacement. All monitoring well design and replacement shall be approved by the Department prior to installation.

- j. Groundwater Levels. Groundwater level measurements shall be collected semiannually from the monitoring wells and piezometers identified in condition 1.e. Elevation measurements, referenced to a consistent, nationally recognized datum, shall include groundwater surface elevation, the top of well casing, and land surface at each site at a precision of plus or minus 0.01 feet. A groundwater surface contour map shall be constructed by a professional geologist or qualified professional engineer, depicting the locations of wells and corresponding groundwater elevations. This information shall be submitted to the Department in conjunction with the semiannual groundwater monitoring report forms. In the event that the data indicates a variation in the horizontal or vertical flow directions such that existing wells are not adequate to intercept contaminants that may be generated from the Facility, the Permittee shall propose additional wells to correct that deficiency or the Department shall require wells to be installed to correct that deficiency.
- k. Sampling. The background and detection wells shall be sampled semiannually by June 30 and December 30 during each year of this Permit. Background and detection groundwater monitoring wells shall be analyzed for the parameters listed in APPENDIX 3.3. Compliance with groundwater standards and/or criteria shall be determined by analysis of unfiltered groundwater samples, unless the requirements of Rule 62-520.310(5), F.A.C., are satisfied. Additional samples, wells and parameters may be required based upon subsequent analyses.

In lieu of the June 30, 2021 and June 30, 2026 semiannual sampling events, the Permittee shall sample all wells for the Permit Renewal Groundwater Parameters listed in APPENDIX 3.5. The June 30, 2026 semiannual sampling event results shall be submitted to DEP no later than 61 days prior to the expiration of this Permit.

The Permittee shall collect, analyze, report and retain sampling and monitoring data in accordance with F.A.C. Chapter 62-160 and Rule 62-520.600, F.A.C. Any laboratory test required by this Permit shall be performed by a laboratory that is certified by the Department of Health (DOH) under Chapter 64E-1, F.A.C., where such certification is required by Rule 62-160.300, F.A.C. The laboratory must be certified for all specific method/analyte combinations that are used to comply with this Permit. Biological evaluations shall follow the applicable procedures in DEP-SOP-002/01 (July 30, 2014). All field activities including on-site tests and sample collection, whether performed by a laboratory or another organization, must follow all applicable procedures described in DEP-SOP-002/01 (July 30, 2014). Alternate field procedures and laboratory methods may be used if they have been approved according to the requirements of Rules 62-160.220 and 62-160.330, F.A.C. Minimum detection levels for all analytes shall be at or below groundwater standards and/or criteria for each analyte.

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**Water Quality Monitoring Plan**

- l. Analytical Data Reports. The Permittee shall submit all groundwater sampling results on the Parameter Monitoring Report Form [DEP Form 62-520.900(2)] along with the analytical laboratory reports and a groundwater contour map no later than 60 days from completion of laboratory analysis. Analytical results shall be accompanied by a brief narrative summary and the Permittee shall include Form 62-701.900(31), Water Quality Monitoring Certification with each report certifying that the laboratory results have been reviewed and approved by the Permittee. The Permittee shall retain the original forms so that the necessary information is available to properly complete future reports.

In addition to the information provided on the Parameter Monitoring Form:

- 1) The laboratory report shall indicate the method on each data sheet, the detection limits and the dilution factor;
  - 2) The report shall show, in columnar form, the analytical results and, where applicable, the corresponding Florida Groundwater Standards and/or criteria; and
  - 3) The report shall identify all peaks greater than the EPA specified detection limit for the analytical method.
- m. Exceedances. If parameters are detected in monitoring wells in concentrations that are significantly above background water quality, or that are at levels above the Department's water quality standards or criteria specified in Chapter 62-520, F.A.C., the Permittee may resample the wells within 30 days after the sampling data is received to confirm the data. Should the Permittee choose not to resample, the Department will consider the water quality analysis as representative of current groundwater conditions at the facility. If the data is confirmed, or if the Permittee chooses not to resample, the Permittee shall notify the Department in writing within 14 days of this finding.
- n. Report Submittals. Required water quality monitoring reports and all groundwater and surface water analytical results shall be submitted electronically, with one hard copy submitted to the District office, unless the Department indicates otherwise in writing. Water quality monitoring reports shall be submitted in Adobe pdf format. The water quality data Electronic Data Deliverable (EDD) shall be provided to the Department in an electronic format consistent with requirements for importing the data into the Department's databases. Water quality monitoring reports shall be signed and sealed by a Florida registered professional geologist or professional engineer with experience in hydrogeological investigations and shall include the following:
- 1) Cover letter;
  - 2) Summary of exceedances and sampling problems, if any (e.g., variation from SOP field criteria);
  - 3) Conclusions and recommendations;
  - 4) Ground water contour maps;
  - 5) Chain of custody forms;

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**Water Quality Monitoring Plan**

- 6) Water levels, water elevation table;
- 7) Ground Water Monitoring Report Certification, using the appropriate Department form;
- 8) Appropriate sampling information on Form FD 9000-24 (DEP-SOP - July 30, 2014); and,
- 9) Laboratory and Field EDDs and error logs, as applicable.

All submittals in response to this specific condition shall be sent to the following locations:

Florida Department of Environmental Protection  
Solid Waste Section  
8800 Baymeadows Way West, Suite 100  
Jacksonville, Florida 32256-7549

Florida Department of Environmental Protection  
Solid Waste Section, MS 4565  
2600 Blair Stone Road  
Tallahassee, Florida, 32399-2400

- o. Monitoring Plan Amendments. Based on any information or data obtained after the effective date of this Permit, the Department reserves the right to modify the conditions set forth herein pursuant to the latest state Rules and regulations (before or after the effective date of this Permit); and may modify the Permit conditions to address additional groundwater assessment, additional monitoring wells and/or analytical parameters and compliance monitoring.
- p. Technical Reports. The Permittee shall monitor site-specific conditions in addition to the data obtained from the ground and surface water monitoring systems. A technical report, in accordance with Rule 62-701.510(10)(b), F.A.C., shall be submitted every two and one-half years during the active life of the facility by November 2018, April 2021, November 2023, and April 2026. It shall contain the following:
  - 1) Tabular displays of any data that shows a monitoring parameter has been detected and graphical displays of any detected leachate key indicator parameters (such as pH, specific conductance, TDS, TOC, sulfate, chloride, sodium and iron), including hydrographs for all monitoring wells;
  - 2) Trend analyses of any monitoring parameters consistently detected;
  - 3) Comparisons among shallow, middle and deep zone wells;
  - 4) Comparisons between background water quality and the water quality in detection and compliance wells;
  - 5) Correlations between related parameters such as total dissolved solids and specific conductance;
  - 6) Discussion of erratic and/or poorly correlated data;
  - 7) An interpretation of the ground water contour maps, including an evaluation of ground water flow rates; and

APPENDIX 3  
**Water Quality Monitoring Plan**

8) An evaluation of the adequacy of the water quality monitoring frequency and sampling locations based upon site conditions.

The report shall contain an evaluation of the ground and surface water monitoring programs and the adequacy of the monitoring frequency and analyses shall be determined. The Permittee shall have this report prepared, signed and sealed by a professional geologist or qualified professional engineer.



APPENDIX 3.2  
**Initial Background Groundwater Parameters**

**Field Parameters**

Static water level in wells before purging  
Specific Conductivity  
pH  
Dissolved Oxygen  
Turbidity  
Temperature  
Colors and Sheens (by observation)

**Laboratory Parameters**

Aluminum  
Chlorides  
Nitrate  
Sulfate  
Total Dissolved Solids (TDS)  
Iron  
Sodium  
Mercury  
Total Ammonia-N

Those parameters listed in 40 CFR Part  
258 Appendix I & II



APPENDIX 3.3  
**Semi-Annual Groundwater Parameters**

**Field Parameters**

Static water level in wells before purging  
Specific Conductivity  
pH  
Dissolved Oxygen  
Turbidity  
Temperature  
Colors and Sheens  
(by observation)

**Laboratory Parameters**

Aluminum  
Chlorides  
Nitrate  
Sulfate  
Total Dissolved Solids (TDS)  
Iron  
Sodium  
Arsenic  
Cadmium  
Chromium  
Lead  
Mercury  
Total Ammonia-N  
Xylenes

Those parameters listed in EPA Methods  
601 and 602

APPENDIX 3.4  
**Guidance for Submitting Electronic Water Quality Data to the Solid  
Waste Program**

I. General Information

Water quality monitoring reports and all ground water, surface water and leachate analytical results for the Solid Waste Program shall be submitted to the Department electronically on compact disc or flash drive media readable by Microsoft Windows. Water quality monitoring reports shall be submitted in Adobe pdf format. Unless otherwise approved by the Department, the water quality Electronic Data Deliverable (EDD) shall be compatible with software called Florida DEP Automated Data Processing Tool (ADaPT). ADaPT<sup>1</sup> has been developed to evaluate and upload water quality data into the Department's Water Assurance Compliance System (WACS) database. A copy of this ADaPT software with installation instructions and EDD specifications can be downloaded from the following website address:

<http://www.dep.state.fl.us/waste/categories/shw/pages/ADaPT.htm>

II. Monitoring Report

The monitoring report shall be submitted in Adobe pdf format, with the EDD as an attachment, and shall include the following items:

1. Cover letter;
2. Summary of exceedances and recommendations;
3. Ground water contour maps;
4. Chain of custody forms;
5. Water levels, water elevation table;
6. Ground Water Monitoring Report Certification, using the appropriate Department form;
7. Appropriate sampling information on Form FD 9000-24 (DEP-SOP-001/01); and,
8. Laboratory and Field EDDs that are compatible with ADaPT software and the ADaPT error log(s).

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<sup>1</sup> The Department recognizes that many laboratories have been using software called Validator to prepare the water quality data EDDs for solid waste facilities. In the event ADaPT is not available or a laboratory preparing the EDDs has not yet transitioned to ADaPT, then Validator may continue to be used to prepare the EDDs for submittal to the Department. However, the laboratory should transition to ADaPT as soon as possible since at some date in the future Validator will no longer be supported and become obsolete.

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**Guidance for Submitting Electronic Water Quality Data to the Solid  
Waste Program**

The monitoring report shall be sent both to:

Florida Department of Environmental Protection  
Northeast District Office  
8800 Baymeadows Way West, Suite 100  
Jacksonville, Florida 32256

And to:

Florida Department of Environmental Protection  
Solid Waste Section  
2600 Blair Stone Road, MS 4565  
Tallahassee, Florida, 32399-2400

III. ADaPT EDDs

The ADaPT EDD consists of two electronic deliverables: (1) a Laboratory EDD, identified as swldd.txt; and (2) a Field EDD identified as swfdd.txt. The format for the Laboratory EDD and the Field EDD are described below. In addition, as explained in Section V, a copy of the Laboratory EDD shall be prepared in Adobe Portable Document Format (PDF) file by the laboratory.

The Laboratory EDD shall be submitted in a comma separated (.csv format) text file which can be produced through Excel. The Laboratory EDD file name format shall be: WACS Facility I.D. underscore Begin Sampling Date (yyyymm) underscore swldd.txt. The period at the end would not be included. For example, with WACS Facility I.D. # 12345 where sampling started in November and ended in December of 2008, the Laboratory EDD file name should be: 12345\_200811\_swldd.txt.

The Field EDD shall be submitted in the same comma separated (.csv format) text file as the Laboratory EDD. The Field EDD file name format shall be: WACS Facility I.D. underscore Begin Sampling Date (yyyymm) underscore swfdd.txt. Again, the period at the end is not included. For example, with WACS Facility I.D. # 12345 where sampling started in November and ended in December of 2008, the file name should be: 12345\_200811\_swfdd.txt

For confirmation sampling, add the term \_conf to the EDD filenames as follows:  
12345\_200811\_conf\_swldd.txt for the Laboratory EDD or 12345\_200811\_conf\_swfdd.txt for the Field EDD.

For data that is resubmitted, add \_#, where # is the number of data submittals (greater than 1). For example, if the data was resubmitted for the first time, and was thus submittal number 2, then the EDD filenames would be as follows: 12345\_200811\_2\_swldd.txt for the Laboratory EDD and 12345\_200811\_2\_swfdd.txt for the Field EDD.

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**Guidance for Submitting Electronic Water Quality Data to the Solid  
Waste Program**

Finally, taking this to an extreme, if conformation data was resubmitted for say the 10<sup>th</sup> time, then the EDD filenames would be: 12345\_200811\_conf\_10\_swlidd.txt for the Laboratory EDD or 12345\_200811\_conf\_10\_swfdd.txt for the Field EDD.

IV. Signatures Required

Water quality monitoring reports shall be signed and sealed by a Florida registered professional geologist or professional engineer with experience in hydrogeological investigations. A sealed signature page may be submitted with the report provided that the seal is legible (gray the embossed seal and scan). Otherwise, you must separately mail the sealed and signed page.

V. Process Required

Three steps are generally required. First, two copies of the Laboratory EDD, one in comma separated text format and one as a PDF file, must be submitted by the laboratory. A digitally "signed" PDF copy<sup>2</sup> by the laboratory serves to maintain the integrity of the Laboratory EDD. In order to validate the QA/QC aspects of the Laboratory EDD, the Permittee shall ensure the laboratory processes the Laboratory EDD through ADaPT using both their laboratory specific library and the Department's Solid Waste Master library and corrects all critical errors and explains all non-critical errors prior to submittal. Second, the appropriate entity (laboratory, consultant, or Permittee) shall process the Field EDD through ADaPT using the Department's Solid Waste Master library and correct all critical errors and explain all non-critical errors prior to submittal. Finally, as a completeness check, the Permittee or consultant shall process both the Laboratory EDD and the Field EDD through ADaPT and confirm a successful export to disk prior to submitting the Laboratory EDD, Field EDD and ADaPT error log(s) to the Department.

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<sup>2</sup> This would be a read only file.

APPENDIX 3.4  
**Guidance for Submitting Electronic Water Quality Data to the Solid  
Waste Program**

VI. Resources

In the event help is needed to prepare these EDDs, you can contact the Department's Solid Waste staff at the appropriate District office. The information for the Department's District offices is as follows:

Northwest District Office  
160 W. Government Street, Room 308  
Pensacola, Florida 32502-5740  
(850) 595-8300

Northeast District Office  
8800 Baymeadows Way West, Suite 100  
Jacksonville, Florida 32256-7590  
(904) 256-1700

Southwest District Office  
13051 N. Telecom Parkway  
Temple Terrace, Florida 33637-0926  
(813) 632-7600

Central District Office  
3319 Maguire Boulevard, Suite 232  
Orlando, Florida 32803-3710  
(407) 897-4100

South District Office  
P.O. Box 2549  
2295 Victoria Avenue, Suite 364  
Fort Myers, Florida 33901-2549  
(239) 344-5600

Southeast District Office  
400 North Congress Avenue, Suite 200  
West Palm Beach, Florida 33401-2913  
(561) 681-6600

You can also receive help by contacting Mr. Clark Moore (850-245-8739) in Tallahassee.

APPENDIX 3.5  
**Permit Renewal Groundwater Sampling Parameters**

**Field Parameters**

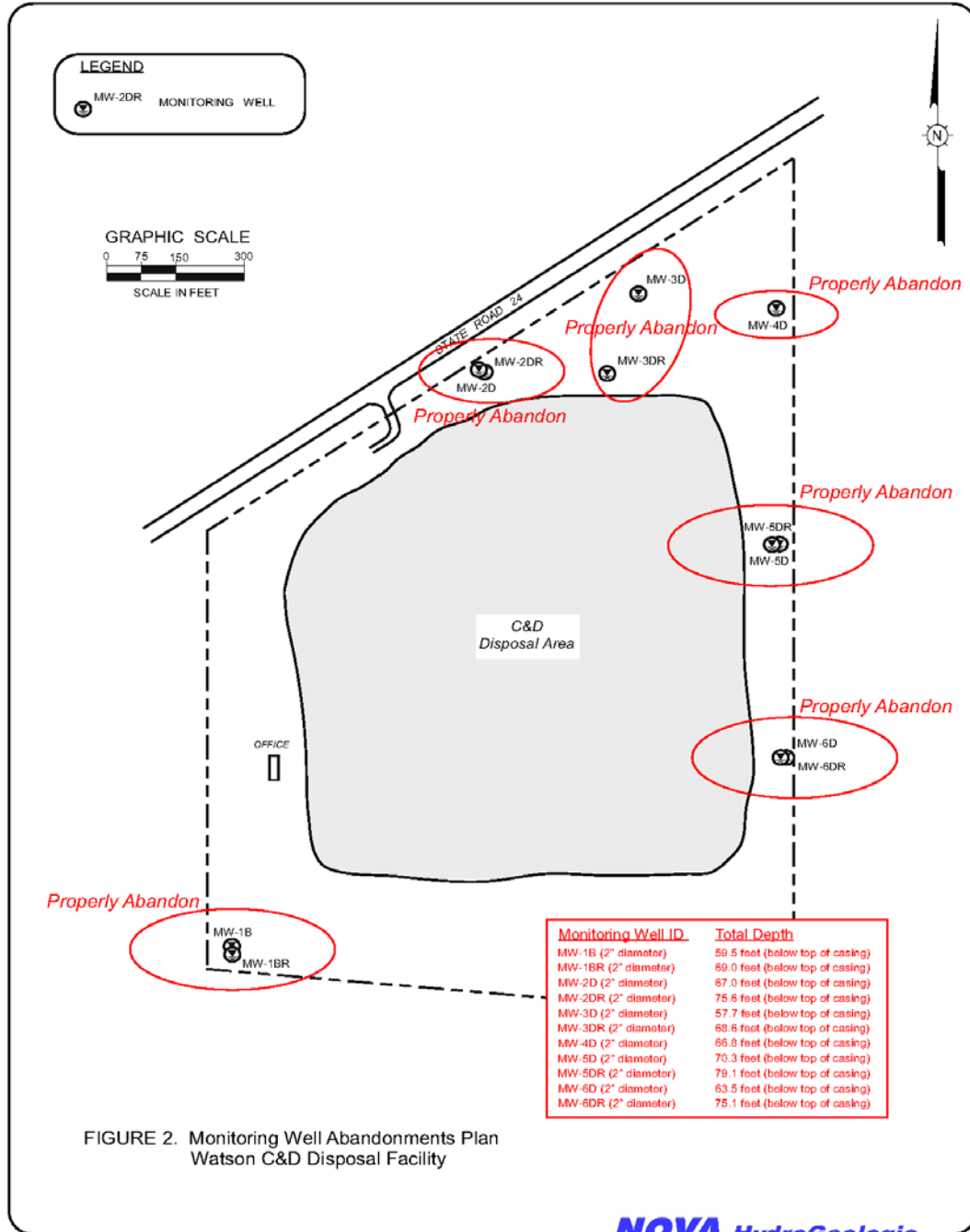
Static water level in wells  
Specific conductivity  
pH  
Dissolved oxygen  
Turbidity  
Temperature  
Colors and sheens (by observation)

**Laboratory Parameters**

Aluminum  
Chlorides  
Nitrate  
Sulfate  
Total Dissolved Solids  
Iron  
Sodium  
Mercury  
Total Ammonia-N

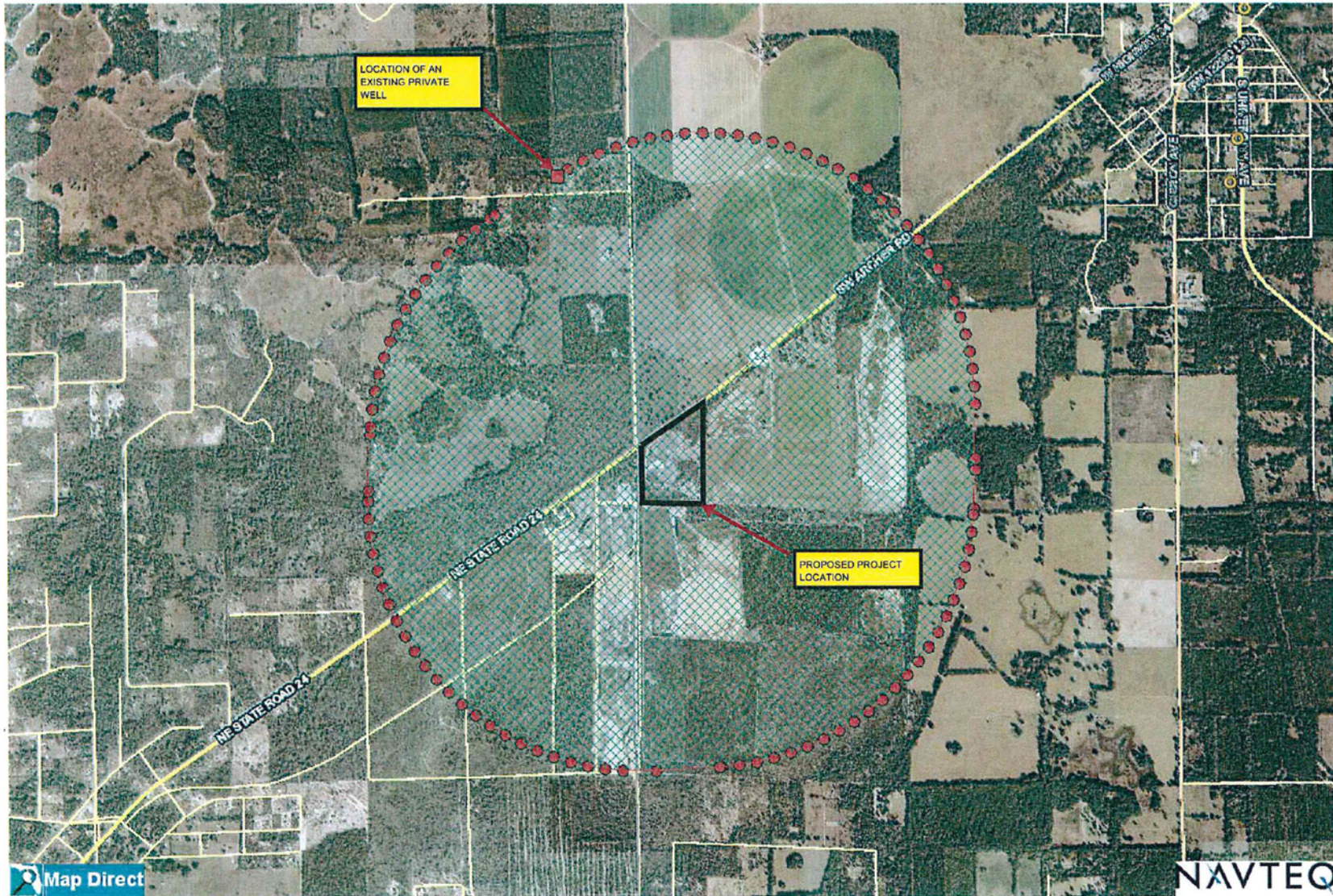
Those parameters listed in  
40 CFR Part 258, Appendix I

APPENDIX 3.6  
Monitoring Well Abandonments Plan



ATTACHMENT 1

VICINITY MAP



Florida Department of Environmental Protection and NAVTEQ Disclaimer: DATA IS PROVIDED "AS IS" AND WITHOUT WARRANTIES OF ANY KIND, EITHER EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, SATISFACTORY QUALITY AND NON-INFRINGEMENT. YOU SHOULD THEREFORE VERIFY ANY INFORMATION OBTAINED FROM THE SITE BEFORE ACTING ON IT.



# ATTACHMENT 2

## AERIAL PLAN



10-1



