

SEWAGE WORKS AGREEMENT

AGREEMENT entered into this 13th day of August, 2014, between Williams Lake Sewage-Works Corporation, a Transportation Corporation formed under the laws of the State of New York, with an address for doing business at PO Box 385, Rosendale, NY 12472 ("WLSWC") and the Town of Rosendale, a municipal corporation of the State of New York with offices at Town Hall, 1915 Lucas Avenue, Cottekill, New York, 12419 ("Town").

WITNESSETH

WHEREAS, WLSWC is to construct a sewer system to provide sewage services for the Hudson River Valley Resort; and

WHEREAS, the Hudson River Valley Resort is located adjacent to Binnewater Road, Rosendale, New York and is more particularly designated on the Town of Rosendale tax maps as 62.4-1-13.1, 17, and 18; 62.2-4-15.11; 62.4-1.9.100 and 62.11-1-13.1.

WHEREAS, the parties desire to establish a procedure for the orderly planning, construction, operation and maintenance, and potential takeover of the sewer improvements by the Town in accordance with law; therefore

It is mutually agreed in consideration of the covenants and promises herein expressed as follows:

1. Service Area

1.1 WLSWC shall have a franchise to provide sewage facilities service to that portion of the Town depicted on Exhibit A annexed hereto. Such service shall include the operation and maintenance of the sewer treatment plant and the sewer mains leading to each individual property being served. The individual collection systems within each individual property shall be owned, operated and maintained by each respective property owner. WLSWC shall have no authority without approval by the Town to provide sewer service to any area not included within the areas depicted on Exhibit A.

1.2 All properties within the franchise areas shall utilize only the sewage facilities service provided by WLSWC, as described in §1.1 above, except if public sewer service becomes and is available to the properties within the franchise areas, then the parties may mutually agree that the properties shall be served by the public sewer system.

1.3 WLSWC shall provide such service on a non-discriminatory basis pursuant to the provisions of Section 121 of the Transportation Corporations Law.

2. Plan Approval

2.1 It is acknowledged by the parties that the authority of WLSWC to provide sewage facilities service is subject to the issuance by the NYSDEC of a SPDES permit, plan approval, and operating approval of the sewage facilities. WLSWC shall provide the Town with copies of all permits or denials issued by any reviewing authority. The Town's engineer or a licensed professional engineer retained by the Town shall have the right to inspect the sewage facility design plans as reasonably necessary at WLSWC's expense.

2.2 Notwithstanding approval of the plans for the sewage facilities by DEC, all required or necessary Town approvals and permits shall be obtained prior to construction of the sewage facilities.

3. Escrow Fund

3.1 WLSWC agrees to establish an escrow, to be replenished as needed, to reimburse the Town for the reasonable cost of the Town's review of the following, relating to the review of the installation, operation and maintenance of the sewage facilities:

- (a) review of the SPDES permit and accompanying plans pursuant to §2.1 above;
- (b) Town engineer's review and attendance at inspections conducted by the DEC and/or WLSWC's engineer, including review of all copies of reports resulting for such inspection as per §3.1;
- (c) reimbursement for the reasonable costs of review of the proposed rates to be charged to individual users within the service area;
- (d) reimbursement of the Town's reasonable legal fees with respect to all matters concerning the installation, operation and maintenance of the sewage facilities.

Reimbursement to the Town shall be made within 30 days of the presentation of approved Town vouchers to WLSWC.

3.2 WLSWC agrees to deposit in escrow with the Town the initial sum of Five Thousand and no/100 dollars (\$5,000.00) to be drawn upon by the Town to pay for the costs of the Town Attorney and/or of the Town's consulting engineer or a duly licensed engineer retained by the Town, as set forth in paragraphs 2.1 and 3.1 above. Said escrow shall be replenished by WLSWC periodically within fifteen (15) days of the Town's written request. Said request shall be accompanied by a balance statement and copies of

vouchers and itemized billing statements setting forth the date performed, the identity of the individual performing the task, the actual time spent on the task, the rate charged by the timekeeper, the cost of the service, and a reasonable description of the task. WLSWC shall have the right to request an explanation of the Town with respect to any task, which is not reasonably described or requiring excessive time.

4. Construction and Inspection

4.1 The Town's engineer shall be given notice of all inspections conducted by the DEC and/or a professional engineer licensed by the State of New York retained by WLSWC (hereinafter "WLSWC's engineer") and shall be provided copies of all reports resulting from any such inspection during and after construction of the sewage facilities. The Town's engineer shall have the right to examine or have examined all reports submitted by WLSWC to governmental agencies or authorities to ascertain and verify the construction and to perform inspections at reasonable intervals during and after construction as further provided in Section 4.3 below. The reasonable expenses of the engineer shall be paid for by WLSWC from funds within the escrow account as per § 3. Additionally, WLSWC shall file with the Town copies of all reports, including certifications, from the project engineer concerning construction of the improvements to of the sewage facilities.

4.2 No certificates of occupancy for any property that requires them shall be issued until the sewage facilities are completed and approved by the Town and WLSWC has complied with all requirements and provisions of this Agreement.

4.3 WLSWC's engineer shall periodically inspect the sewage facilities during the course of construction and certify to the Town that construction is properly completed in accordance with the approved plans and specifications. Upon completion of construction, WLSWC shall provide the Town a complete set of as-built drawings for all sewage treatment works and other appurtenant facilities, together with shop drawings, equipment descriptions and manuals pertaining to the sewage facilities and a maintenance plan for the facilities.

5. Guaranties

5.1 WLSWC shall post an irrevocable letter of credit or cash as a performance bond for the completion of the sewer facilities to be then constructed, once a Building Permit for the sewer facilities has been issued. Said performance security shall be released upon satisfactory completion of those sewer facilities as certified by inspection of the Town's engineer. WLSWC may make applications to the Town for periodic reduction of the performance security amount. The Town shall make the requested reduction provided the Town engineer certifies that the work has been satisfactorily completed and the amount of reduction does not exceed the value of the work completed.

5.2 WLSWC shall establish a reserve fund to guarantee the yearly operation and maintenance of the sewer facilities. The reserve fund shall initially be in the amount of annual expenditures for operation less fees from residents, but not less than \$25,000 and shall thereafter be increased as necessary to guarantee sufficient funds for the operation and maintenance of the sewer facilities. The reserve fund shall be in place prior to commencement of operation of the sewer facilities. The reserve fund shall be maintained through the collection of rates as provided for in 7.1 below.

5.3 WLSWC shall place the stock of the corporation in escrow with the Town Clerk. Such deposit into escrow shall be made prior to the commencement of operation of the improvements. The terms of the escrow shall provide that the stock will be released from escrow and ownership shall pass to the Town in the event of abandonment of construction of such works and facilities or in the event of abandonment or discontinuance of the maintenance and operation of the sewer facilities by WLSWC. The Town may not, without WLSWC's consent, make a determination that WLSWC has abandoned the system without notice and a hearing.

5.4 WLSWC shall place a Bill of Sale and Deed to the assets of the corporation into escrow with the Town Clerk, together with an agreement that the Town Clerk is authorized to release the documents to the Town so as to pass title to the Town in the event of abandonment of construction of such works and facilities or discontinuance of the maintenance and operation of the sewer facilities. Moreover, this Agreement shall be recorded at the expense of WLSWC, and its provisions shall run with the title of the land owned by WLSWC.

5.5 WLSWC shall execute an assignment of sewer rents that may become due after the Town elects to take title to the improvements and assets of WLSWC, which shall be held in escrow by the Town Clerk together with the stock certificates and other instruments cited above also to be held in escrow.

5.6 WLSWC is required to operate, maintain and repair the sewage facilities in a proper, safe and environmentally sound manner at its sole cost and expense. WLSWC is also required to make all necessary capital improvements to the sewage facilities. WLSWC shall perform any and all operation, maintenance, repair and capital improvement work reasonably directed by the Town.

6. Option to Acquire

6.1 The Town shall have the option to acquire the sewage facilities from WLSWC at no cost (a) at any time upon mutual agreement by the parties; (b) in the event of abandonment of construction of the sewage facilities; or (c) after commencement of operation, in the event that maintenance and operation of the sewage facilities by WLSWC is abandoned, discontinued or otherwise deemed inadequate by the Town. The Town shall have the right, but not the duty or obligation, to exercise the option. The Town may not, without WLSWC's consent, make a determination that HRVR has abandoned, discontinued or inadequately maintained and operated the sewage facilities without first providing fifteen (15) days written notice to WLSWC and an opportunity for a hearing. In the event that title and property interests are passed to the Town, the same shall be free of all liens and encumbrances, and WLSWC shall be responsible for removing all liens and encumbrances at its cost and expense.

6.2 If the Town exercises its option to acquire the sewage facilities prior to proper completion of the facilities, then the Town shall have the right to call the performance bond and utilize the proceeds thereof to properly complete the improvements. In addition, notwithstanding the term of the bond, said bond shall remain in effect for an additional period of one (1) year after the Town has assumed ownership and operation of the sewage facilities and the proceeds of that bond shall be utilized by the Town at any time prior to the expiration of that one-year period to make repairs and capital improvements to the sewage facilities.

6.3 To facilitate the Town's potential acquisition of the sewage facilities, a "backup" sewer district shall be created coterminous with the area depicted in Exhibit "A" attached hereto. Such backup district shall be created simultaneous with the Town's consent to this sewage works agreement. WLSWC hereby consents to the formation of the backup sewer district and agrees to provide the Town with the written consent of the owners of the properties depicted in Exhibit "A" to the formation of such backup district.

7. Rates and Rate Setting

7.1 WLSWC shall provide the properties within its service area with facilities for collection, treatment, and disposal of sewage at fair, reasonable and adequate rates as agreed by WLSWC and the Town. Such rates shall be sufficient to cover the cost of WLSWC's operation and maintenance of the sewage facilities as well as to maintain the reserve fund required by section 5.2 above.

7.2 The reasonable costs to the Town for reviewing rates shall be reimbursed to the Town by WLSWC, which costs may be included in the rate charged to users of the sewage facilities. At either party's request, rates may be reviewed and, if agreed by the parties, modified on an annual basis or such lesser interval as is provided by law.

8. Powers of the Williams Lake Sewage-Works Corporation

8.1 Prior to laying pipes or mains within any Town right-of-way or on Town property, WLSWC shall first obtain the approval of the Town Board and/or Town Superintendent of Highway.

8.2 No condemnation proceedings may be commenced by WLSWC without approval of the Town Board. Prior to granting such approval, the Town Board shall determine, without limitation, that WLSWC has made diligent good faith efforts to acquire any interests in private property through negotiation and that such interests in private property are necessary to provide sewer service in the most feasible manner.

9. Miscellaneous

9.1 WLSWC acknowledges that it proceeds at its own risk and without reliance on the Town or any other governmental agency to perform any act or refrain from performing any act which might have the effect of diverting potential users to other sources of treatment, provided the Town or other agency proceeds in a legal and lawful manner.

10. Notice

10.1 Whenever notice is required to be given, or a document is required to be sent by one party to another party, said notice or document shall be directed to the party at the address specified above, unless a party gives written notice of a change to the other party.

11. Full Agreement

11.1 This Agreement embodies the whole agreement of the parties and supersedes all prior communications, representations and agreements, oral or written. This Agreement may be amended only in writing duly executed by both parties.

11.2 All parties to this Agreement and their counsel have reviewed and revised this Agreement and any rule of construction to the effect that ambiguities are resolved against the drafting party shall not be employed in the interpretation of this Agreement.

11.3 Each signatory hereto represents and warrants that he is fully authorized by the party whom he represents to execute this Agreement on behalf of that party and to bind that party. This Agreement shall be binding upon and inure to the benefit of the parties and their respective successors, heirs and assigns.

11.4 This Agreement shall be recorded in the Ulster County Clerk's office and indexed against the affected properties.

Williams Lake Sewage-Works Corporation

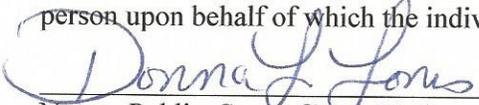
BY: 
Richard Steele, President

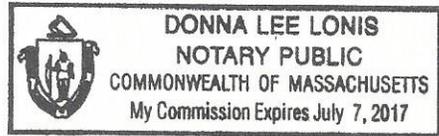
Town of Rosendale

BY: 
Jeanne L. Walsh, Supervisor

Massachusetts
STATE OF ~~NEW YORK~~)
Hampton)ss.:
COUNTY OF ~~ULSTER~~)

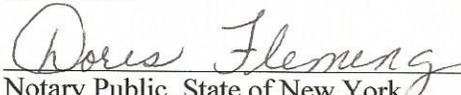
On August 19, 2014, before me, the undersigned, a Notary Public in and for said State, personally appeared, Richard Steele personally known to me or proved to me on the basis of satisfactory evidence to be the individual whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his capacity, and that by his signature on the instrument, the individual or the person upon behalf of which the individual acted, executed the instrument.


Notary Public, State of ~~New York~~
Massachusetts



STATE OF NEW YORK)
)ss.:
COUNTY OF ULSTER)

On Aug. 14th, 2014, before me, the undersigned, a Notary Public in and for said State, personally appeared, Jeanne L. Walsh, personally known to me or proved to me on the basis of satisfactory evidence to be the individual whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his capacity, and that by his signature on the instrument, the individual or the person upon behalf of which the individual acted, executed the instrument.


Notary Public, State of New York

DORIS FLEMING
Notary Public, State of New York
No. 4993759
Qualified in Ulster County
Commission Expires March 23 2018

Exhibit A

**MAP, PLAN AND REPORT
WILLIAMS LAKE SEWER DISTRICT
WILLIAMS LAKE RESORT
TOWN OF ROSENDALE, ULSTER COUNTY, NY**

**PREPARED FOR
HUDSON RIVER VALLEY RESORTS
PO BOX 385
ROSENDALE, NY 12472**

**PREPARED BY
Crawford & Associates Engineering, P.C.
551 Warren Street
Hudson, New York 12534**



**PROJECT NUMBER
2821.04**

**PREPARED
APRIL 15, 2014**



TABLE OF CONTENTS

1. INTRODUCTION..... 1

2. BACKGROUND..... 1

3. PROPOSED SEWER DISTRICT BOUNDARY 2

4. WASTEWATER FLOW GENERATION 2

5. PROPOSED IMPROVEMENTS..... 3

5.1. Design Criteria..... 3

5.2. Design Improvements 3

5.3. Design Drawings 4

5.4. Life Cycle 4

6. CONCEPTUAL COST ESTIMATE 4

6.1. Opinion of Probably Construction Cost 4

6.2. Opinion of Operations and Maintenance Costs 5

LIST OF TABLES

TABLE 1 - LIFE CYCLE

TABLE 2 - CONSTRUCTION COST ESTIMATE

TABLE 3 - OPERATIONS & MAINTENANCE COST

LIST OF FIGURES

FIGURE 1 - EXISTING SITE CONDITION

FIGURE 2 - EXISTING AND PROPOSED SEWER DISTRICT

FIGURE 3 - SITE COLLECTION SYSTEM

FIGURE 4 - WWTP SCHEMATIC

1. INTRODUCTION

This study evaluates the creation of the proposed Williams Lake Sewer District to include the proposed Williams Lake Project mixed-use residential and commercial resort. The site currently has five (5) onsite subsurface disposal systems for the various existing resort buildings. The owners of the Williams Lake Project propose to replace the subsurface systems with a central collection system and wastewater treatment plant as part of the redevelopment of the existing resort.

The Map, Plan and Report contains information on the proposed district boundaries, proposed method of operation, descriptions of the collection and treatment systems, location of improvements, and analysis of probable construction and maintenance costs.

2. BACKGROUND

The Williams Lake Project is located in the Town of Rosendale, Ulster County, New York. The proposed project is the redevelopment of the Williams Lake Resort to a new residential-resort complex. The site is roughly 780 acres and is located approximately one mile north of the unincorporated hamlet of Rosendale situated along County Route 7, also known as Binnewater Road. The site is primarily located between Binnewater Road (to the west), Breezy Hill Road (to the south), Hickory Bush (to the east) and Lucas Turnpike (to the north).

At full build out the proposed development is to consist of a 130 room hotel, 89 attached townhomes and 71 single family homes, all located on the southern 200 acres of the site. Other resort amenities include a 50-seat restaurant, a 70-seat café, 50-seat seasonal bistro, spa, and wellness, fitness, recreational, and interpretive centers. Using loading rates recommended by the 1988, New York State Department of Environmental Conservation (NYSDEC) design standard in conjunction with conservation measures and guidance from the Ulster County Department of Health (UCDOH), the total site discharge rate was calculated to be approximately 90,000 gallons per day (gpd) at full buildout.

Under the existing conditions, William's Lake Resort has several on site conventional sewage disposal systems (absorption fields) which are privately owned and operated. SPDES permit #0259802 lists five separate subsurface discharges totaling 17,640 gpd. The existing hotel is the largest at 10,500 gpd; the other discharges are 3,840 gpd for the Lakewood Terrace, 1,800 gpd for the Chalet, 1,200 gpd for the Arch Motel and 300 gpd for the sauna (see existing conditions Figure-1). An absorption field serving the hotel and Lakewood Terrace is located under the existing ball field, the locations of the other systems are not known with certainty, but there is no plan to reuse any existing disposal systems. All existing septic systems will all be abandoned in place and removed as needed during redevelopment of the site.

During the environmental review process for The Williams Lake Project, the alternative of connecting to the existing Town of Rosendale's municipal sewer system was evaluated. The existing sewer district ends approximately one (1) mile south of the project boundary (refer to Figure-2). For the project to connect with the existing Rosendale sewer system, the proposed sewer main would have to be extended approximately 1 mile south along County Route 7 (Binnewater Rd) to the nearest connection point, a terminal manhole at the intersection of County Route 7 and NYS Route 213. Existing soil conditions of the area and visible rock out crops suggest the sewer installation would require a large quantity of rock removal. Additionally, the Rosendale wastewater treatment plant is currently operating near capacity and in need of upgrades before a project of this size could connect. The Town is in the process of evaluating plans to upgrade the treatment plant; however no specific timeline is available. Uncertainty in the timing for the upgrade, as well as the cost for the over 1 mile connection to the Town's collection system, makes this alternative infeasible.

3. PROPOSED SEWER DISTRICT BOUNDARY

The Williams Lake Project has created a transportation corporation for the ownership and operation of the sewage works at the Project site. The proposed sewer district boundary coincides with the transportation corporation limits as shown in Figure 2. The following tax parcels are included in the proposed district (section, block, lot): 62.4-1-9.100, 62.4-1-13.1, 62.4-1-17, 62.4-1-18, and 62.11-1-13.1 totaling +/-192 acres, and a portion of 62.2-4-15.11 totaling +/-173 acres. The overall area of the proposed district is +/- 365 acres. The portion of lot 62.2-4-15.11 that will be included in the district is that portion south of a proposed boundary line beginning at a point along the property boundary between lot 62.2-4-15.11 and the adjoining lot 62.2-7-1. The point is approximately 200 feet northeast of the westernmost property corner of lot 62.2-7-1. From this point, the proposed boundary runs northwest to the shoreline of Fourth Binnewater Lake. The boundary follows the shoreline around the southern edge of the lake until it intersects with a corner of lot 62.4-1-13.1. The remainder of the district is bound by the lot lines of the included tax parcels.

The proposed district will include a mix of residential and commercial connections, all within the Williams Lake Project area, discharging both domestic and industrial sewerage flows.

4. WASTEWATER FLOW GENERATION

The proposed development has a SPDES permitted discharge flow of 90,000 gpd per SPDES #0259802. The proposed flow is based on NYSDEC guidelines and has been confirmed by the UCDOH.

5. PROPOSED IMPROVEMENTS

5.1. Design Criteria

The wastewater collection and conveyance system and treatment works has been designed in accordance with the following standards:

1. “Design Standards for Wastewater Treatment Works, Intermediate Sized Sewerage Facilities, 1988” issued by the New York State Department of Environmental Conservation (also known as the DEC Standards);
2. “Recommended Standards for Wastewater Facilities, 2004” issued by the Great Lakes – Upper Mississippi River Board of State Public Health and Environmental Managers (also known as the 10-States Standards)

5.2. Design Improvements

Each residential and commercial unit will discharge into a new on-site collection and conveyance system that will deliver wastewater to a new wastewater treatment plant (WWTP) constructed near the southern boundary of the development area. The new collection system will consist of 14,766 linear feet of gravity sewers, 86 concrete manholes, and 6,260 linear feet of force mains. The gravity sewers will consist of 8” PVC pipe connected via concrete manholes. As needed in low-lying areas, pump stations will collect and pump sewage “downstream” towards the WWTP. A total of seven (7) pump stations will be used in this manner.

A portion of the system will be constructed along Binnewater Road. A force main from the residential neighborhood west of Binnewater Road will convey sewage flow to the WWTP. The force main installation will run through the 100-foot offset area adjacent to NYSDEC Freshwater Wetland RD-2. This impact is authorized by NYSDEC permit ID 3-5146-00063/0009, effective from October 22, 2013 to October 21, 2023.

The plant will consist of primary treatment (solids settling), flow equalization, mechanical screening, biological reactors, clarifiers, sand filtration with disinfection, sludge holding tanks, and a chemical feed unit. The system will treat Biological Oxygen Demand (BOD), Total Suspended Solids (TSS), reduction in phosphorous and ammonia through nitrification as well as polishing through disinfection. The system will be enclosed in a building to eliminate visual, noise, and odor impacts. Effluent discharge will flow off site via a series of 6” diameter PVC pipes connected through PVC cleanouts. The discharge point is on the southeast corner of the intersection of Binnewater Road and Breezy Hill Road. The receiving body is an unnamed tributary to Rondout

Creek. The stream, index number H-139-14-5 P855, has a NYSDEC classification of C.

5.3. Design Drawings

The design plans for the collection and conveyance system are presented in Figure 3. This layout is based on the site design as of the issuance of the SPDES permit on March 24, 2014. A schematic plan of the proposed WWTP is presented in Figure 4.

5.4. Life Cycle

The collection and treatment system components have varied operational life expectancies. The estimated life cycles for each component are as follows:

TABLE 1 – LIFE CYCLE	
Component	Estimated Life Cycle (years)
Pump Station – Structure	50
Pump Station – Pumps	20
Pump Station – Piping	25
Pump Station – Controls	20
Pump Station – Backup Generator	15
Gravity Sewer – Piping	50
Gravity Sewer – Manholes	50
Force Main	50
WWTP – Tanks	50
WWTP – Reactor Equipment	20
WWTP – Pumps	20
WWTP – Piping	25
WWTP – Controls	20
WWTP – Backup Generator	15

6. CONCEPTUAL COST ESTIMATE

6.1. Opinion of Probably Construction Cost

In review of the required construction and existing field conditions, the following is offered as an opinion of the probably cost for the collection system and WWTP installation:

TABLE 2 – CONSTRUCTION COST ESTIMATE	
Component	Cost
Pump Stations	\$350,000
Force Main	\$263,000
Gravity Sewer Main	\$292,500
Manholes	\$246,000
Backup Generators	\$260,000
WWTP	\$775,000
20% Contingency	\$437,200
15% Engineering	\$327,900
Total Projected Cost	\$2,951,100

The developer of the Williams Lake Project will construct and pay for the proposed improvements associated with the creation of the sewer district. There will be no capital costs passed onto the Town of Rosendale.

6.2. Opinion of Operations and Maintenance Costs

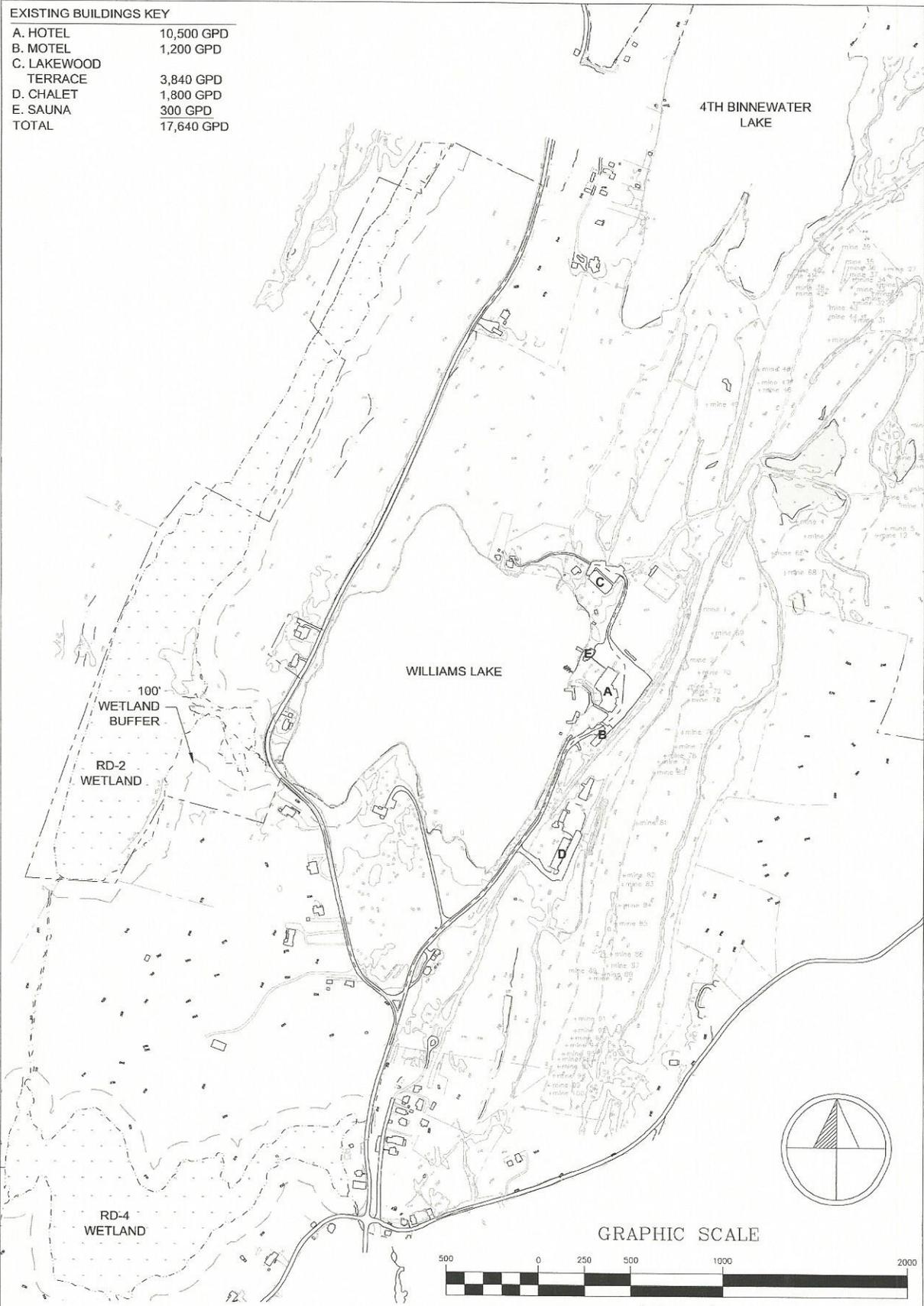
Annual Operations and Maintenance (O&M) costs for the Williams Lake Sewer District consisting of seven (7) pump stations, gravity and force main sewers, and the WWTP have been estimated as follows:

TABLE 3 – OPERATIONS & MAINTENANCE COST	
Component	Annual Cost
Pump Station - Electric	\$4250
WWTP - Electric	\$8500
Personnel	\$75,000
WWTP - Operation	\$3500
WWTP – Maintenance	\$35,000
WWTP - Administration	\$37,500
Collection System - Maintenance	\$28,200
20% Cost Contingency	\$38,400
Total Projected Annual O&M Cost	\$230,350

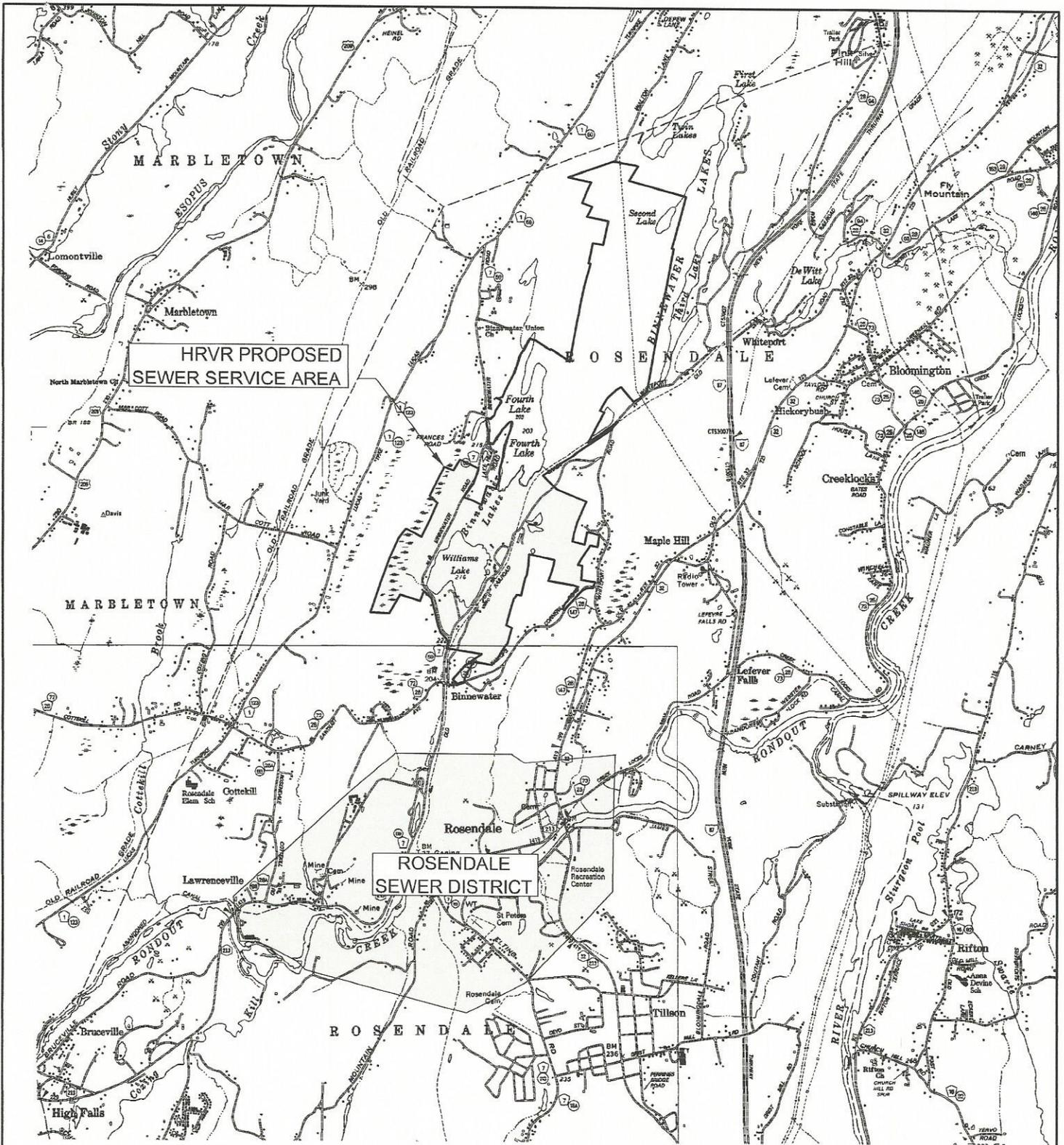
No O&M costs will be passed on to the Town of Rosendale.

EXISTING BUILDINGS KEY

A. HOTEL	10,500 GPD
B. MOTEL	1,200 GPD
C. LAKEWOOD TERRACE	3,840 GPD
D. CHALET	1,800 GPD
E. SAUNA	300 GPD
TOTAL	17,640 GPD



<p>HUDSON RIVER VALLEY RESORTS</p> <p>TOWN OF ROSENDALE COLUMBIA COUNTY</p>		<p>CRAWFORD & ASSOCIATES ENGINEERING, P.C. 551 Warren Street, Hudson New York 12534</p>	
<p>EXISTING CONDITIONS</p>		<p>DATE 11/20/09</p>	<p>DRAWN BY: DPJ DESIGNED BY: DPJ CHECKED BY: BKN APPROVED BY: BKN</p>
		<p>SCALE 1"=500'</p>	<p>C&A JOB# 2821.0</p>
		<p>DRAWING: FIGURE - 1</p>	



SOURCES: NEW YORK STATE QUADRANGLE MAPS; MAP TITLED "ROSENDALE SEWER DISTRICT" PROVIDED BY TOWN OF ROSENDALE

HUDSON RIVER VALLEY RESORTS

CRAWFORD & ASSOCIATES
ENGINEERING, P.C.
551 Warren Street, Hudson New York 12534

TOWN OF ROSENDALE

ULSTER COUNTY

© COPYRIGHT

EXISTING ROSENDALE SEWER DISTRICT
AND PROPOSED HRVR SEWER SERVICE AREA

DATE
12/20/10

DRAWN BY: NRV

H:\WORK\2821.04\DWGS\DISTRICT MAP.DWG

DESIGNED BY: NRV

C&A JOB#

DRAWING:

SCALE

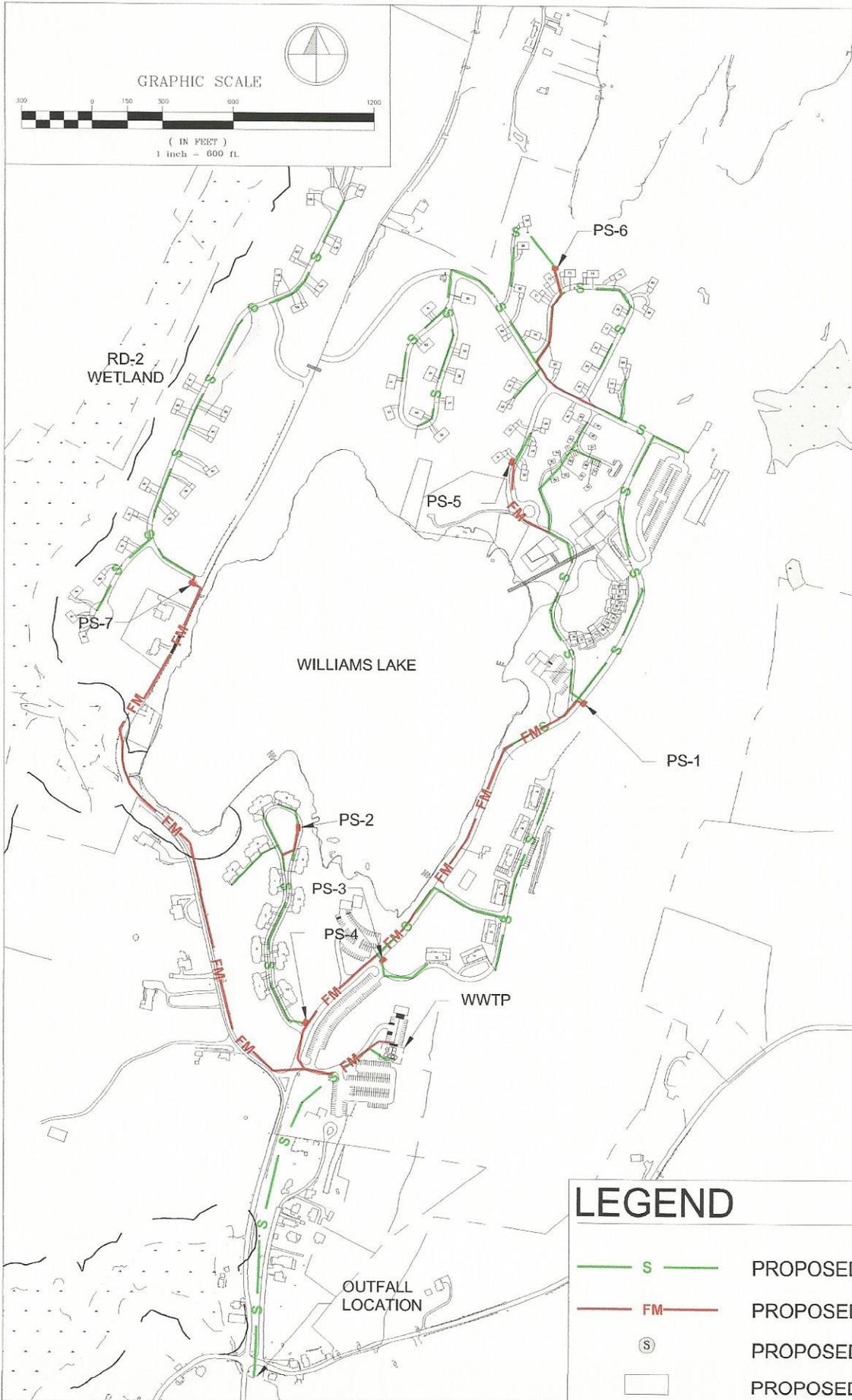
CHECKED BY: BKN

2821.04

FIGURE-2

1" = 3500'

APPROVED BY: BKN



CRAWFORD & ASSOCIATES
 ENGINEERING, P.C.
 551 Warren Street, Hudson New York 12534

DATE		DRAWN BY:		DESIGNED BY:		CHECKED BY:		APPROVED BY:	
3/2/12		NRV		NRV		BKN		BKN	
SCALE		C&A JOB#		DRAWING:		FIGURE-3			
1" = 600'		2821.02		2821.02		2821.02			

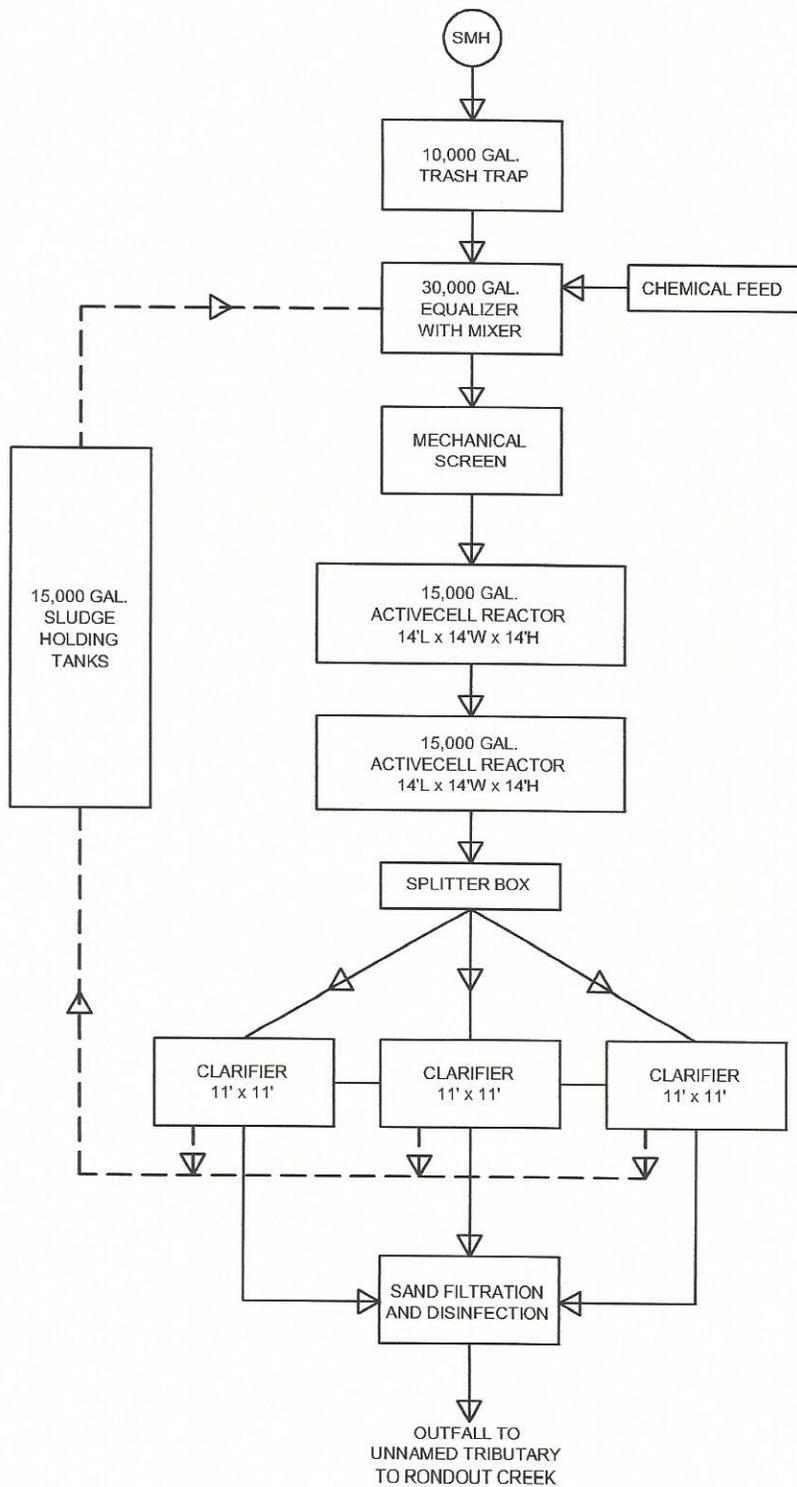
HUDSON RIVER VALLEY RESORTS

TOWN OF ROSENDALE ULSTER COUNTY

SEWER COLLECTION SYSTEM

LEGEND

- S — PROPOSED SEWER LINE
- FM — PROPOSED FORCEMAIN
- S PROPOSED SEWER MANHOLE
- PROPOSED PUMPSTATION



LEGEND
 ——— TREATED EFFLUENT
 - - - - - RECIRCULATION

REVISED BY NRV 5/24/12 - OUTFALL CHANGED TO REFLECT CURRENT PROPOSAL

HUDSON RIVER VALLEY RESORTS

TOWN OF ROSENDALE

ULSTER COUNTY

CRAWFORD & ASSOCIATES
 ENGINEERING, P.C.
 551 Warren Street, Hudson New York 12534

© COPYRIGHT

WWTP SCHEMATIC

DATE
12/2/09

DRAWN BY: DPJ
DESIGNED BY: DPJ

H: \WORK\2821.04\DWGS\COLLECTION.DWG

SCALE
NTS

CHECKED BY: BKN
APPROVED BY: BKN

C&A JOB#
2821.0

DRAWING:
FIGURE 4