

TREATMENT WORKS APPROVAL

ENGINEER'S TECHNICAL REPORT

Located at Peter's Mine Road Block 601, Lot 14 Borough of Ringwood, Passaic County, New Jersey

Prepared for:

Borough of Ringwood 60 Margaret King Avenue Ringwood, New Jersey 07456

May 7, 2014

Prepared by:

Engineering & Land Planning Associates, Inc. 54 Old Highway 22, Suite 300 Clinton, New Jersey 08809

Wayne J. Ingram, P.E.

New Jersey Professional Engineers License No. 24GE048393

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I. TWA ENGINEER'S REPORT

A. Introduction

This Treatment Works Approval Engineer's Report is being submitted in support of a TWA application for a sewage holding tank in lieu of an individual subsurface disposal field for the property located on Peter's Mine Road, Block 601 Lot 14, Borough of Ringwood, Passaic County, New Jersey. The subject property is owned by the Borough of Ringwood. The subject property is the proposed location of the Ringwood Recycling Center. The property consists of wetlands and trees and was the site of legal and illegal dumping of contaminated waste in the 1960's and 1970's. The property is proposed to be capped with an impermeable environmental cap as the method of remediation. The property is a 35.48 acre parcel of land which borders Peter's Mine Road, an electric company easement, and New Jersey State property. The property in question does not meet the requirements of NJAC 7:9A-3.4 (c), which allows the permanent use of holding tanks. However, we feel that due to the environmental impermeable cap and low volume of sewage, a holding tank is the most cost effective sewage disposal system available to the Borough of Ringwood in this situation.

The Borough of Ringwood proposes to develop the former Ringwood Mine site into a recycling center. The Borough is receiving funding to cap the property to remediate the contaminated waste which exists on the property. The property was used by Ford Motor Company to dispose of paint sludge in the 1960's and later was used in illegal dumping of other wastes throughout the 1970's. The environmental cap is the proposed means to eliminate further contamination of soils, waterways, and groundwater. The Borough proposes to use the funding and capping project to develop the property as their recycling center as their existing facility is undersized. The only habitable structure proposed on the property is an office trailer. The office will be serviced by public water service. Due to the nature of the environmental "impermeable cap", a conventional septic system would not function as required. A holding tank is proposed for the collection of sewage.

The Borough of Ringwood proposes the use a 1,500 gallon single compartment septic tank. The proposed office will have a maximum of two employees, and 528 sf, which per NJDEP standards, has a daily sewage demand of 66 gallons per day. This results in a use cycle of 22

days. The tank will be located within the cap and will have an asphalt cover. The tank will be H20 load bearing tanks.

B. Project Purpose & Justification

The project includes the placement of the 1,500 gallon holding tank to collect sewage from the proposed office trailer. The office will handle the sewage generated from two (2) employees (maximum) working an eight (8) hour shift at the Recycling Center. Currently, there is no individual subsurface disposal system of any kind on the property. The project does not meet the criteria for N.J.A.C. 7:14A-22.13 (c), whereas a holding tank may be installed as a permanent means of sewage disposal. The holding tank will serve the Ringwood Recycling Center in the proposed area of the project and will result with a flow of approximately 66 gallons per day (per NJDEP office floor area projected flow). The proposed system is not in accordance with N.J.A.C. 7:9A-3.4(d)1 through (d)5. N.J.A.C. 7:9A-3.4(d), which states:

- (d) The Department and the administrative authority may approve the permanent use of a holding tank to correct the problem of a malfunctioning system only when all of the following facts have been established the satisfaction of the administrative authority and the Department:
 - 1. The present malfunctioning system poses a threat or a potential threat to ground or surface water quality or public health or safety or the environment;
 - 2. Due to site conditions, lot configuration, financial circumstances or other constraints, repair, or alteration of the system in a manner that will eliminate the cause of the malfunction is not feasible;
 - 3. Public sewers are by practical means not available;
 - 4. Reduction of disposal field hydraulic loading by means of water-saving plumbing fixtures will not correct the malfunction; and
 - 5. Assurances are given that the holding tank will be emptied and the contents disposed of in a manner which complies with all applicable local, State and Federal ordinances, statues and regulations. As a means of confirmation, the owner of the system shall install a water meter and shall submit to the administrative authority on a quarterly basis, evidence of dates and quantities of sewage removed, name of person(s) or firm(s) contracted to remove the sewage, the name of the facility(s) to which the sewage is taken, as well as any other evidence or information which is requested by the administrative authority.

C. Technical Information

1. High Water Alarm

A high water alarm is not proposed. A waiver is requested for this item.

2. Aeration Methods

An aerator is not proposed. A waiver is requested for this item.

3. Source of Washdown Water

A source of washdown water is proposed. A hose bib shall be installed on the side of the office trailer.

4. Holding Tank Area

The concrete holding tank will be placed as indicated on the Plans. It is on the side of the proposed office trailer. The office trailer shall be placed in accordance with the included engineering drawings and installed in accordance with all manufacturer requirements. The septic tank is to be constructed to the manufacturers' construction specifications. Marking the unit shall clearly indicate what the tank contains to act as a safeguard for public health and safety.

5. Engineering Drawings

Engineering drawings containing construction details for all system components are attached.

6. Specifications

Engineering Specifications for the project are attached with the engineering drawings.

7. Holding Tank Size

The holding tanks must provide two days of waste storage at a minimum, as determined in accordance with the projected flow of 66 GPD. The minimum storage requirement is 132 gallons. To provide sufficient time between pumping intervals, one (1) 1,500 gallon holding tank is proposed. The pumping schedule shall be every three weeks and is based on proposed sewage demand to be pumped at approximately 75% capacity of the tank. Pumping schedule

may be adjusted based on actual usage. Currently, the Borough of Ringwood does not have a waste hauler for this project. Due to the rules and regulations of the Borough of Ringwood, a waste hauler cannot be contracted until the site plan project is approved and the two waste hauler contracts can be bid on. At that time, one primary and one reserve waste hauler will be under contract with the Borough of Ringwood. A signed letter from the Borough stating their intent to contract two waste haulers is included in Appendix I.

APPENDIX A
TWA Checklist

TREATMENT WORKS APPROVAL CHECKLIST FOR ADMINISTRATIVE COMPLETENESS

The submittal of an administratively complete Treatment Works Approval (TWA) application is essential for a quick and timely review. If the TWA application is not administratively complete at the time of submittal, the review of the application will be delayed. Therefore, please make sure that you have provided the items listed in N.J.A.C.7:14A-22.8(a). Below is a checklist that you may use.

- Original Application Form TWA-1, signed and sealed.
- Original Engineer's Report Form WOM-006, signed and sealed. (For All General Industrial TWAs, see [*] below.) NOTE: Project specific Engineer's Report in lieu of the Form WQM-006 is required for Sewage Treatment Plants.
- Original completed Consent Form WQM-003. NOTE: Resolutions authorizing appropriate signature from Municipalities and Sewerage Authorities (as applicable) on ALL submitted forms (TWA-1, WQM-003) are required.
- Application Review Fee, payable to "Treasurer, State of New Jersey, Environmental Services Fund". See Fee Schedule for fee calculation

NOTE: For General Industrial TWAs, the minimum Application Review Fee is required.

- A breakdown of the Construction Cost Estimate for the proposed sewerage facilities.
- Copies of Receipts of Public Notification from the Municipal Planning Board and the Municipal Environmental Commission.

NOTE: If the municipality does not have an Environmental Commission, a receipt from the County Environmental Commission must be obtained. If neither exists, then a letter stating such must be submitted.

- Copy of appropriate <u>USGS Quadrangle Map</u> with project site clearly delineated.
- One (1) set of Final Plans and Profiles signed and sealed by a New Jersey Licensed Professional Engineer on each sheet. Plans must be marked "FINAL" or "FINAL FOR SEWER DESIGN". Plans are to include standard details of sewerage appurtenances.
- One (1) set of Construction Specifications, signed and sealed by a New Jersey Licensed Professional Engineer.
- N/A□ **10** Copy of Sewer Connection Ban Exemption Approval, if the project is located in a ban area.
 - [*] For All General Industrial TWAs ONLY, the following additional items will be required:
 - a) A Completed Licensed Operator Grading Sheet Form DWR-175;
 - b) An <u>Engineer's Certification for General Industrial TWAs</u>, signed and sealed by a New Jersey Licensed Professional
 —Engineer; in accordance with N.J.A.G. 7:14A-22.6(a)3;
 - c) An Engineer's Abstract containing, at a minimum, the following:

ii.

- A description of waste treatment system;
 - The ultimate destination of all wastewater and residuals;
- Listing of all pollutants, including regular and intermittent flows, which may enter the system; iii. iv.
 - The average and peak flow requirements; and
- The expected composition of effluent from the treatment system.
- d) For direct dischargers to surface or groundwater, or for indirect dischargers required to obtain a NJPDES/SIU permit from the Department, a copy of a valid NJPDES permit and/or a General NJPDES permit authorization.

Please submit application to NJDEP, Division of Water Quality Bureau of Financing and Construction Permits 401 East State Street, 3rd Floor West Wing PO Box 425 Trenton, New Jersey 08625-0425 Attention - John Maselli (TWA Program)

APPENDIX B TWA-1



STATE OF NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION DIVISION OF WATER QUALITY

Reset form

Treatment Works Approval Permit Application

Refer to Instructions on Page 4 and Provide All Applicable Information. Please Print or Type.

٨								
	lame Borough of Ringw	<u>ood</u>			•••	_Telephone(⁹	⁷³) <u>962-</u>	7037
F	Permanent Legal Address	60 Marga	ret King Avenue					
C	City or Town Ringwood		State NJ	Zip Code _07	7456	E-mail		
*	Applicant/Owner should I	be the even	ntual owner of	the proposed 1	reatment V	Vorks.		
	COCATION OF A	-						
٨	lame of Facility/Site_Ring	wood Rec	ycling Cente	г				
9	Street Address/Location P	eter's Min	e Road					
L	Street Address/Location P		Block N	_{lo.} <u>601</u>				
(City or Town Ringwood Municipality Borough of F			_		State NJ	Zip Code	07456
	Borough of F					_		
	NEW JERSEY LIC						ic	
. 1	New Jersey Lic	CENSED	PROFES	SSIONAL	Engin	EER		
. 1	NEW JERSEY LIC Name Wayne J. Ingram	CENSED	PROFES	SSIONAL	Engin	E E R N.J. Lice		
I .; 1 1 1	NEW JERSEY LIC Name Wayne J. Ingram Name of Firm, if employee Mailing Address 54 Old H	Engineer	PROFES	SSIONAL d Planning As	ENGIN	EER N.J. Licer Inc.	nse No. <u>240</u>	GE048393
I .: 1 1 1	NEW JERSEY LIC Name Wayne J. Ingram	Engineer	PROFES	SSIONAL d Planning As	ENGIN	EER N.J. Licer Inc.	nse No. <u>240</u>	GE048393

5.	OTHER	REQUIRED	PERMITS
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If any of the the following applications have been submitted for this project, provide the applicable information.

Permit Type	Application Pending (check	Approved*	Application Date (or Application No.)
Treatment Works Approval	$\overline{\mathbf{A}}$		
Exemption From Sewer Ban			
Water Quality Management Plan Amendment			
• CAFRA			
Stream Encroachment			
Freshwater Wetlands	\checkmark		
Tidal or Coastal Wetlands			
Waterfront Development			
NJPDES Permits			
Pinelands Certificate			
Delaware & Raritan Canal Commission			_
Hackensack/Meadowlands Commission			
Other Related Approvals	✓		НРАА
(* If any of the above applications were appr	oved, please prov	ide a copy of the a	pproval with this application).
PROJECT DESCRIPTION (Brief D See attached	escription of Pro	oposed Treatmen	nt Works and Intended Use).

7. APPLICANT'S AGENT (Optional)			
1, Bornugh of Ringwood c/o Scot	+ Heck Bo	rough Mar	nager
(Applicant/Owner authorize to act as my agent/representative in all matter	ers Name) ers pertaining to my a	application the follow	ving person:
Name Wayne Ingram	Position Vice P	resident	
Address 54 Old Highway 22, Suite 300		City Clinton	
State NJ Zip Code 08809	Telephone (908	238-0544	
Signatura of Argot	Xani		5/16/14
Signature of Agent Date	Signature of Applicant	/Owner	Date
3. PROPERTY OWNER'S CERTIFICATION			
I hereby certify that Borough of Ringn	ica d		
I hereby certify that <u>OOI OVG N 01 1711 19 VI</u>	(Property Owner's Nan	ne)	
owns the property identified in this application. As own this application and authorize the Department of Envir necessary. If the construction activity will take place in have or will obtain permission of the property owner(s) works.	ner, I grant permissio onmental Protection : an easement, I certi	in for the activity to to to conduct on-site in fy that with this a	nspections, if application, I presently
San	5/16/14		
		A 0	
Print or Type: Name and Position Scott Heck	Borough	Manager	
9. STATEMENT OF PREPARER OF PLANS			
REPORT AND/OR ABSTRACT	•		
I hereby certify that the engineering plans, specification project comply with the current rules and regulations of exceptions as noted. Signature of Engineer Print or Type: Name and Position Wayne Ing	Sign Sign State	Énvironmental Prote	t applicable to this ection with the
PROFESSIONAL ENGINEER'S	100.		

EMBOSSED SEAL

	IVVA - I
10. PROPER CONSTRUCTION AND OPERATION CLAUSE	
I, the Applicant/Owner, Borough of Ringwood will be properly constructed and operated in accordance with the engineering plans under which approval is granted by the Department of Environmental Protection.	agree that the treatment works s, specifications and conditions
Signature of Applicant/Owner Date	
Print or Type: Name and Position Scott Heck, Borough Manager	
Print or Type: Name and Position SCOTT ITECK, Borovgh Manager	
11. CERTIFICATION BY APPLICANT/OWNER	
I certify, under penalty of law, that the information provided in this application and tand complete. I am aware that there are significant civil and criminal penalties for incomplete information, including fines and/or imprisonment.	
5/16/14	

INSTRUCTIONS FOR COMPLETING FORM TWA - 1

Signature of Applicant/Owner

This form should accompany all Treatment Works Approval permit applications.

Print or Type: Name and Position Scutt Heck, Borough Manager

- 1. **General Information** (items #1 through #4, #6) Complete the requested applicant and project information.
- 2. Other Required Permits (item # 5) Please list all permits issued for the subject project (in addition to the permits being applied for at this time).
- 3. Signatures (items #7 through #11) All signatures must comply with N.J.A.C. 7:14A-4.9 and N.J.A.C. 7:14A-22.8. Where indicated under items #1, #10 and #11, the applicant/owner should be the eventual owner of the proposed treatment works. Item #8 shall be completed by the owner of the property.

Should you need assistance in completing the application, please call the appropriate phone number listed below:

◆ Bureau of Construction & Connect	tion Permits	◆Bureau of Nonpoin	t Pollution Control
(609) 984-4429		(609) 633-7021	
Municipal Treatment Works, Industria	al	 Alternate Design St 	
Treatment Works, Sewer Extension,		(design flow less th	an 2,000 GPD)
Exemption, Subsurface Disposal Sys	stems		

Ringwood Recycling Center – Treatment Works Approval Sewage Holding Tank Peter's Mine Road, Borough of Ringwood, Passaic County, New Jersey Attachment to Engineer's Report TWA-1

6. Project Description (Brief Description of Proposed Treatment Works and Intended Use0

The Borough of Ringwood currently owns the subject property. The property was the site of legal and illegal dumping of paint sludge and other contaminants throughout the 1960's and 1970's. The Borough is receiving funding to "cap" the property and an impermeable environmental cap. In conjunction with the environmental capping, the Borough proposes to develop the capped property into their recycling center for bulk material and brush. The Borough's current recycling center is undersized.

The recycling center requires an office for employees to work out of. This project proposes an office trailer. The trailer will be supplied with public water service and electricity. The trailer will be 528 sf in size. The environmental cap is an impermeable layer which does not allow materials to flow into or out of the cap. Thus, a conventional disposal field would not function within the cap. A holding tank is proposed to handle the sewage demands of the project. Based on N.J.A.C. 7:9A or 7:14-23, the maximum sewage demand for the office is 66 GPD (528 SF x 0.125 GPD/SF = 66 GPD).

A 1,500 gallon concrete holding tank is proposed to accept sewage from the office trailer. The tank will be H20 load bearing. A 6 linear foot 4 inch dia. Sch. 80 PVC pipe will connect the trailer to the holding tank. The holding tank will be ordered as a (1) compartment septic tank with all outlets sealed. The tank will have one 24" dia. concrete manhole to grade with a locking steel lid. The holding tank has a 22 day capacity (1500 gallons/66 GPD = 22 days). The tank shall be pumped at regular intervals of 3 weeks (15 days), which is 68% capacity of the tank.

The Borough will contract with two (2) sewage hauling companies to provide a primary and a reserve pump out contract.



STATE OF NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION Division of Water Quality

Reset Form

Engineer's Report for Domestic Treatment Works Approval Applications

INSTRUCTIONS

- Complete all applicable sections and certifications.
- Justifications for any exceptions from the regulations at N.J.A.C. 7:14A 23 et seq. must be submitted. (Additional sheets may be attached if necessary.)
- All supplemental information required to be submitted along with this engineer's report must be signed, sealed, and dated by a professional engineer, licensed to practice in the State of New Jersey.
- For Treatment Works other than collection and/or conveyance, please attach a separate Engineer's Report in accordance with N.J.A.C. 7:14A 23.5.

GENERAL INFORMATION Borough of Ringwood Municipality: Borough of Ringwood Applicant: Project Name: Ringwood Recycling Center Passaic County: Name of Receiving Sewage Treatment Plant: NJPDES Permit Number: Effluent Receiving Waters: Scope of Project: See attached Contributory Flow: For assistance in completing this chart, refer to N.J.A.C. 7:14A - 23.3. Callanaunar Day

Type	Measurement Units		per Unit		(G.P.D.)
Office	528	Х	0.125	=	66
		Х		=	
		Х		Ш	
		Х		==	

Combined Projected Flow:
Existing Contributory Flow (if any):
TOTAL FLOW:

0.000066	M.G.D.
0	M.G.D.
0.000066	M.G.D.

Ringwood Recycling Center – Treatment Works Approval Sewage Holding Tank Peter's Mine Road, Borough of Ringwood, Passaic County, New Jersey Attachment to TWA WQM 006

Scope of Project

The Borough of Ringwood currently owns the subject property. The property was the site of legal and illegal dumping of paint sludge and other contaminants throughout the 1960's and 1970's. The Borough is receiving funding to "cap" the property and an impermeable environmental cap. In conjunction with the environmental capping, the Borough proposes to develop the capped property into their recycling center for bulk material and brush. The Borough's current recycling center is undersized.

The recycling center requires an office for employees to work out of. This project proposes an office trailer. The trailer will be supplied with public water service and electricity. The trailer will be 528 sf in size. The environmental cap is an impermeable layer which does not allow materials to flow into or out of the cap. Thus, a conventional disposal field would not function within the cap. A holding tank is proposed to handle the sewage demands of the project. Based on N.J.A.C. 7:9A or 7:14-23, the maximum sewage demand for the office is 66 GPD (528 SF x 0.125 GPD/SF = 66 GPD).

A 1,500 gallon concrete holding tank is proposed to accept sewage from the office trailer. The tank will be H20 load bearing. A 6 linear foot 4 inch dia. Sch. 80 PVC pipe will connect the trailer to the holding tank. The holding tank will be ordered as a (1) compartment septic tank with all outlets sealed. The tank will have one 24" dia. concrete manhole to grade with a locking steel lid. The holding tank has a 22 day capacity (1500 gallons/66 GPD = 22 days). The tank shall be pumped at regular intervals of 3 weeks (15 days), which is 68% capacity of the tank.

The Borough will contract with two (2) sewage hauling companies to provide a primary and a reserve pump out contract.

1

WASTEWATER CONVEYANCE SYSTEMS

(A) GRAVITY SEWER SYSTEMS

Diameter	Length	Material	Value	Spacing	Slope	Max. Velocity (ft/sec)	Capacity
			<u>. </u>				

1.	What is the minimum cover (as measured from the top of the pipe to the grade elevation) provided along the entire sewer line?	:		ft.
2.	What is the infiltration and/or exfiltration limit for testing purposes (gallons per inch of pipe per mile per day)?			
		YES	NO	N/A
3.	Are sewers within 100 feet of a public water supply well or a below-grade reservoir?			V
4.	Are sewers located at least 10 feet horizontally from potable water lines and/or at least 18 inches below potable water lines and in separate trenches, including crossings?			V
5.	Are sewers crossing streams located within 10 feet of a stream embankment encased in concrete?			V
6.	Is a drop pipe provided for sewers entering manholes above the manhole invert wherever the difference in elevation is two feet or more?			✓
7.	Are all manholes located more than 100 feet from a public water supply well or a below-grade reservoir?			V
8.	Are watertight covers used where street elevations are less than 10 feet above the North American Vertical Datum of 1988 and/or where the top of a manhole may be flooded by street runoff or high water?			V
9.	Are the sanitary sewers designed to carry at least twice the estimated average projected flow when flowing half full?			
10.	Have adequate provisions been made for the ventilation of manholes?			
11.	If siphons are part of this project, are they in conformance with N.J.A.C. 7:14A - 23.7?			V
12.	Are the immediate downstream sewer lines constructed?			1

(B) PUMPING SYSTEM: Submit a Pump Station Design Report, which should include, at a minimum, the basis for the following: (a) pump selection; (b) sizing of force main and velocity calculations; (c) total dynamic head; (d) pump station performance curve and (e) wet well detention time.

	 17
Number of pumps: Design capacity of pump station (with the largest pump out of service):	GPM

	FORCE MAINS			
	Diameter Length Material (inches) (feet) Type	Velocit (ft/sec	and the second second	
•	What is the minimum cover (as measured from the top of the pipe to the	<u> </u>		
	grade elevation) provided along the entire force main?			
<u>.</u>	Specify the method of screening at the pumps.			
•	Where is the ultimate location of the alarm for high water conditions, power failures, and mechanical breakdowns?			
	Specify the type of back-up power source provided.			
		YES	NO.	N/A
	Is adequate light and ventilation provided at the pump station?			V
	Are air and/or vacuum release valves provided on the high points of the force main?			
	Are adequate freshwater wash-down facilities provided?			
	If a domestic water service connection will be utilized for wash-down			
	purposes, is it protected by a backflow prevention device?			TOVE TE
	Are shut-off valves on suction and discharge piping and check valves on discharge lines provided?			
0.	Is the base of the pump station wet well sloped toward the pump suction?			
1.	Does the alarm system provide for competent assistance on a 24 hour			
	basis?			
2.	Is the pump station adequately protected from flooding?			Ser French

Name and Date: (Print or Type)

Firm Name:

Professional Engineer's Embossed Seal

DOMESTIC WASTEWATER TREATMENT AND/OR RESIDUAL FACILITIES

				YES	
		omitted with this engineer's		1 & 10 ch and dynamic property	NO
1.		the selected wastewater trea			1
2.		existing system which has no			
		s approval (TWA), the capacit on of the operation of each, a			
		e existing and which are prop			
		ists a previously issued TWA		1 1	
<u> </u>		date of issuance and the TW		<u> </u>	
3.		ow of wastewater through the			
4.		ce for all discharge parameter	rs.		
5.	The ultimate disposal loca				
6.		ns for average and peak flow			
7.		n of the influent and effluent f		I I	
		age, maximum and minimum			
	pollutant parameters spec	ified in the facility's NJPDES	permit/DAC,		
8.		tity and quality of any and all		1-1	
		o be generated, including a h			
	unit by unit mass balance	for the flow of residuals throu	igh the system.		
9.		ite storage and handling facili	ties for residuals.		$\overline{\mathbf{A}}$
10.	Provisions for the ultimate	management of residuals.			
11.	Details of flow monitoring	and control, alarm systems, a	auxiliary power,		
	storage facilities for treatr	nent chemicals and wastes, a	ind plans for		
		nstruction or maintenance.			
12.	The basis and computation	ons for the projected wastewa	ter flow.	V	
13.	A fully executed Licensed	Operator Grading Form.			
		ed by the New Jersey Board o			
		that the proposed treatment			
applicab		li mitations contained in the			
		n, I certify that the propose		designed	d, meets the
equiren	nents of N.J.A.C. 7:14A - 23	et seq., other than the excep	otions as noted.		
	are that the reserve				_
		provided in this engineer's re	port and attachments h	ereto is tri	ue, accurate
and com	plete. Exceptions attached	[YES], NO]?			
			$A \sim 0$		
		Cianatura of Engineers	111	-	
		Signature of Engineer*			
Drafaas	ional Engineeria	Name and Date:	101	c1.	ula
	ional Engineer's		Wayne Irgran	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ 	6/14
⊏INDOSS	ed Seal	(Print or Type)			-
		Firm Name:	Engineering + Land	Plan	
		i nili ivanie.	and wood, Tava	Flanny	

^{*} This certification may not be completed until the effective date of the associated final NJPDES Discharge Permit.



STATE OF NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION Division of Water Quality



STATEMENTS OF CONSENT

A supplement to the TWA-1 or NJPDES-1 Forms

WQM-003 Revision 09/2004

(Name of Agency) consents to the submission of the above listed application to the Department of Environmental Prote for approval. I further certify that the project as proposed conforms with the requirements of this ag Signed* Date Type Name and Position * Cite authorization to sign for the agency Resolution# (Submit the resolution with the application. If no such resolution granting authority to sign exists, the Governing Body's full resolution, consenting to the project, must be submitted with the application.) ** Note For TWA applications, this section must be completed when a sewerage entity (for example, sewerage authority, util authority, municipal utilities authority, joint meeting, etc.) has responsibility for regulating the construction and operation of wastewater treatment and conveyance facilities within the municipality. 33 Consent by Owner of Wastewater Treatment Facility** (For NJPDES/SIU applications only) As an authorized representative of this agency, I hereby certify that the (Name of Agency) consents to the submission of the above listed application to the Department of Environmental Prote for approval. I further certify that the project as proposed conforms with the requirements of this agency and the agency agrees to accept wastewater from the project for treatment. Signed* Date Type Name and Position * Cite authorization to sign for the agency Resolution# Cite authorization with the application. If no such resolution granting authority to sign exists, the Agency's full resolutions and the project, must be submitted with the spilication.) ** Note	As an authorized represent	ative of this agency, I hereby certify that the
Consents to the submission of the above listed application to the Department of Environmental Protector approval. I further certify that the project as proposed conforms with the requirements of this age Signed *	маа мургуу жанаан мастанган жанган жанга	
Date Date		(Name of Agency)
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WQM-003 Revision 09/2004

В	. Certification by Wastewate	⊭Conveyance Syst	em Owner*	
	By agreeing to accept wastewater from the wastewater conveyance system, into which capacity in accordance with N.J.A.C. 7:14A aware of inadequate conveyance capacity of the wastewater from this project to the treation.	n the project proposed unde a-1.2 ("Adequate conveyance onditions in any portion of the	r this application capacity"). Furth	will connect, has adequate termore, I (we) am (are) not
	Name of Municipality or Authority			
	Signed*	Date_	ARREST CONTROL OF THE PARTY OF	
	Type Name and Position			
	* Cite authorization to sign for the governing boo	ly		_
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	C. Certification by Wastewate (For TWA application) that the committee	tions that include a sewer co		on.)
	(Na	me of Wastewater Treatment Plant)		
	does not exceed the presently permitted de the permitted design capacity is not anticip currently complying with its conventional at 22.17(b)-(d), percent removal and toxicity raverage of the three most recent monthly d Department as of this date, and based upon is anticipated to continue to do so with the	ated to be exceeded. I (we) find non-conventional NJPDES equirements excluded from this charge monitoring reports to my (our) assessment of all additional flow from this pro-	urther certify that permit requirements this certification) at the certification at the certification pertification.	t the treatment plant is ints (see N.J.A.C. 7:14A- as determined by a rolling I to be submitted to the
	Accepted for Treatment by	(Name of Treating Auth	nority)	
	Signed* Type Name and Position	Date	1	
	Name of project and/or location			
	* Cite authorization to sign for the governing bo Resolution# (Submit the resolution with the application. If resolution, consenting to the project, must be so ** For TWA applications, this section must be of wastewater identified in this application.	Dated	uthority to sign ex] ists, the governing body's full

WQM-003 Revision 09/2004

*** For the purposes of this certification, committed flow means the sum of the 1) actual metered flow, 2) flow from DEP approved TWA applications (not yet operational), and 3) flow from locally approved projects that do not require DEP approval.

Additional Information (For TWA Applications)

- 1. Approvals, permits, service contracts, or other reservations of flow capacity issued or agreed to by any participating municipality or sewerage agency do not constitute the required approval of the DEP.
- 2. For computation of actual flow at the receiving wastewater treatment plant, the average flow processed by the facility for the three (3) month period immediately preceding the submission of the application shall be used. Pursuant to the NJPDES regulations (N.J.A.C. 7:14A), no application shall be submitted to the DEP if the wastewater treatment facility is not meeting its discharge permit requirements.

Lack of Consent*

- 1. The affected sewerage authority or municipality must consent to the application or submit comments to the DEP within 60 days of the applicant's request for consent. Prior to the expiration of the 60-day period to respond to a request for a written statement of consent, the municipality or sewerage authority may request a 30-day time extension.
- 2. Any document issued by a sewerage authority or municipality which is a tentative, preliminary, or conditional approval shall not be considered a statement of consent.
- 3. When the affected sewerage authority or municipality does not consent to a project, it shall state all reasons for rejection or disapproval in a resolution and send a certified copy of the resolution to the DEP.
- 4. When the affected sewerage authority or municipality expressly denies a request for a written statement of consent for a project, the permit application may be determined by the DEP to be incomplete for processing; or in the alternative, the DEP may review the reasons for denial. Any such reasons shall be considered by the DEP in determining whether to issue a draft permit in accordance with N.J.A.C. 7:14A-15.6, or a Treatment Works Approval or sewer connection approval in accordance with N.J.A.C. 7:14A-22.
- 5. When the affected sewerage authority or municipality does not issue a written statement of consent in accordance with (1) above, or a denial in accordance with (3) above, the DEP, upon receipt of proof that the applicant has delivered to the affected agency a written request for a statement of consent, shall review the reasons therefore, if known on the basis of reasonably reliable information. Any such reasons shall be considered by the DEP in determining whether to issue a draft permit in accordance with N.J.A.C. 7:14A-15.6, or a Treatment Works Approval in accordance with N.J.A.C. 7:14A-22. The DEP, may in its discretion, deem the application to be incomplete pending the expiration of the time period set forth in (1) above.
- * This section has been excerpted from the NJPDES regulations for guidance purposes only. Please refer to N.J.A.C. 7:14A-22.8(a)3 for the complete requirements concerning statements of consent.

Notice: False statements, representations, or certifications, in any application, record, or document are subject to fines and penalties as set forth in the Water Pollution Control Act (N.J.S.A. 58:10A-10F 2 and 3.

BE IT RESOLVED that the Municipal Council of the Borough of Ringwood hereby authorizes the Borough Manager to execute any documents necessary to obtain any approvals and/or permits required for the current recycling facility as well as those required for the construction and operation of the new recycling facility.

I hereby certify that the above Resolution was adopted by the Municipal Council of the Borough of Ringwood at its Business Meeting of April 22, 2014.

KELLEY A. ROHDE, RMC BOROUGH GLERK

Council						
Member	Motion	Second	Ayes	Nays	Abstain	Absent
Davison			Х		_	
Speer			X			
Anderson	Х		X			
Marsala			X	ł		
Martocci			X			
Noonan		}	X			
Schaefer	1	Х	Х			

SENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON DELIVERY
Complete items 1, 2, and 3. Also complete	A. Signature
item 4 if Restricted Delivery is desired. Print your name and address on the reverse	X/Raru Carrie Addressee
so that we can return the card to you.	B. Received by (Printed Name) C. Date of Delivery
Attach this card to the back of the mallpiece,	B. Heceived by [Filling Name) C. Bate of Delivery
or on the front if space permits.	D. Is delivery address different from item 1? 🖂 Yes
1. Article Addressed to:	If YES, enter delivery address below:
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ar m. gt	
Mr. Tom Sergi	4.30
Planning Board Chair	
Borough of Ringwood Municipal	3. Service Type
60 Margaret King Avenue	☐ Certified Mail® ☐ Priority Mail Express™
Ringwood, NJ 07456	☐ Registered ☐ Return Receipt for Merchandise
	☐ Insured Mail ☐ Collect on Delivery 4. Restricted Delivery? (Extra Fee) ☐ Yes
2. Article Number	
(Transfer from service label)	7013 3020 0000 2809 8421
	Return Receipt
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NDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON DELIVERY
Complete items 1, 2, and 3. Also complete	A Signature
item 4 if Restricted Delivery is desired. Print your name and address on the reverse	X // AA- Agent
so that we can return the card to you	Addressee
Attach this card to the back of the mailplece,	B. Received by (Printed Name) C. Date of Delivery
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nvironmental Commission Chair	0.7409
Borough of Ringwood Municipal	
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For delivery information visit our website at www.usps.come
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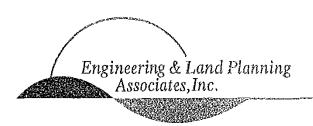
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Planning Board Chair

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60 Margaret King Avenue
Ringwood, NJ 07456

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Clinton Office: 54 Old Highway 22 Suite 300 Clinton, NJ 08809 Phone: 908-238-0544

Princeton Office:

20 Nassau Street Suite 22 Princeton, NJ 08542 Phone: 609-454-3433

Via Certified Mail/Return Receipt

May 7, 2014

Mr. Tom Sergi - Planning Board Chair Borough of Ringwood Municipal Building 60 Margaret King Avenue Ringwood, New Jersey 07456

RE: NJDEP Treatment Works Approval Application

Ringwood Recycling Center

Peter's Mine Road Block 601 Lot 14

Borough of Ringwood, New Jersey

Dear Mr. Sergi:

This letter serves to inform the Planning Board that Engineering & Land Planning Associates, Inc. is submitting a NJDEP Treatment Works Approval Permit on behalf of the Borough of Ringwood for the use of an individual sewage disposal system that does not meet all of the technical requirements per N.J.A.C. 7:9A. The application is being prepared in accordance with administrative and technical requirements of N.J.A.C. 7:14A for submission to NJDEP. The requested exception involves the use of a holding tank in lieu of traditional technology.

Please feel free to contact our office if you have any questions regarding this permit application.

Sincerely,

Engineering & Land Planning Associates, Inc.

Ukrang

Paul Harenberg, PE Project Engineer



Clinton Office: 54 Old Highway 22 Suite 300 Clinton, NJ 08809

Phone: 908-238-0544

Princeton Office: 20 Nassau Street Suite 22

Princeton, NJ 08542 Phone: 609-454-3433

Via Certified Mail/Return Receipt

May 7, 2014

Ms. Joanne Atlas – Environmental Commission Chair Borough of Ringwood Municipal Building 60 Margaret King Avenue Ringwood, New Jersey 07456

RE: NJDEP Treatment Works Approval Application

Ringwood Recycling Center

Peter's Mine Road Block 601 Lot 14

Borough of Ringwood, New Jersey

Dear Ms. Atlas:

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Sincerely,

Engineering & Land Planning Associates, Inc.

Paul Harenberg, PE Project Engineer



