

**MEMORANDUM**

**TO:** Dale A. Desnoyers, Director, Division of Environmental Remediation

**FROM:** Robert C. Knizek, Director, Remedial Bureau E *rc*

**SUBJECT:** Site Transfer Agreement for the Brewster Village Wellfield  
(DEC Site Number 340012)

**DATE:** SEP 28 2007

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Attached for your review, final approval and subsequent transmittal to the Commissioner for signature is a final draft of the Site Transfer Agreement for the Brewster Village Wellfield site (DEC Site ID 340012), located in the Village of Brewster in Putnam County. The site is scheduled for transfer to State responsibility on October 2, 2007. Also attached is a transmittal memorandum to Commissioner Grannis requesting his signature. This agreement is the result of a cooperative effort between DEC and EPA to develop an agreement which describes the process of transferring site management responsibilities for a site from EPA to DEC. It also defines the responsibilities of EPA and DEC after the transfer occurs.

Attachment

# New York State Department of Environmental Conservation

## Division of Environmental Remediation, 12<sup>th</sup> Floor

625 Broadway, Albany, New York 12233-7011

Phone: (518) 402-9706 • FAX: (518) 402-9020

Website: www.dec.ny.gov



Alexander B. Grannis  
Commissioner

### MEMORANDUM

**TO:** Pete Grannis, Commissioner

**FROM:** Dale A. Desnoyers, Director, Division of Environmental Remediation  
**THRU:** Val Washington, Deputy Commissioner

**SUBJECT:** Site Transfer Agreement for Brewster Village Wellfield  
(DEC Site Identification Number 340012)

**DATE:** OCT - 2 2007

Attached for your review and signature is a Site Transfer Agreement for a National Priorities List (NPL) site, Brewster Village Wellfield (DEC Site ID 340012). The purpose of a Site Transfer Agreement is to effect an orderly transfer of Site Management (Operation, Maintenance, and Monitoring) responsibilities from the United States Environmental Protection Agency (EPA) to the New York State Department of Environmental Conservation (NYSDEC), at an NPL site. The transfer date for the Brewster Village Wellfield is October 2, 2007. The site is located in Putnam County.

This Agreement is a result of a cooperative effort between NYSDEC and EPA to develop an agreement that describes the process of transfer Site Management responsibilities for a site from EPA to NYSDEC. It also defines the responsibility of EPA and NYSDEC after this transfer occurs.

The Brewster Village Wellfield remedy included an air stripper remedial system installed on the Brewster Village water system that is operated and maintained by the Village of Brewster to treat municipal water and is not part of this transfer agreement and a separate groundwater control system that is. The groundwater control system was originally built as a packed tower air stripper and extraction well remedial system that has been operated by EPA for the past ten years. Recently, the EPA constructed a new low profile shallow tray air stripper to replace the packed tower and this brand new system will be transferred to the State for operation. The State is obligated to provide an annual report to the EPA on the operation of the system. EPA provided funding to this system for a ten-year Long-Term Response Action Period because it is a groundwater restoration remedy.

I recommend that you sign this Site Transfer Agreement for the Brewster Village Wellfield remedial system.

Attachment



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION 2  
290 BROADWAY  
NEW YORK, NY 10007-1866

SEP 17 2007

Alexander B. Grannis, Commissioner  
New York State Department of  
Environmental Conservation  
625 Broadway  
Albany, New York 12233-7014

Re: Site Transfer Agreement  
Brewster Well Field Site  
Village of Brewster, New York  
EPA ID No. NYD980652275

Dear Mr. Grannis:

Enclosed is the Site Transfer Agreement between the U.S. Environmental Protection Agency (EPA) and the New York State Department of Environmental Conservation for the Brewster Well Field site, located in the Village of Brewster, New York. The purpose of this agreement is to effect an orderly transfer of responsibilities from an EPA-lead groundwater long-term response action to a New York State-lead operation and maintenance of the groundwater remedy. This agreement has been developed through the cooperative effort of the appropriate members of our respective staffs.

Two copies of the agreement are enclosed for your signature. Both copies shall be deemed an original. Please forward one of the copies of the executed agreement to this office for our records.

I would appreciate your prompt execution of this agreement so that the October 2, 2007 transfer date will be met and the orderly transfer of responsibilities may progress in a timely manner.

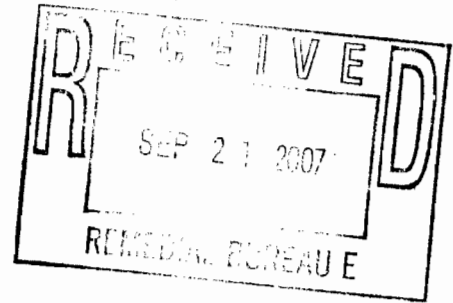
Sincerely yours,

A handwritten signature in cursive script, appearing to read "George Pavlou", is written over the typed name.

George Pavlou, Director  
Emergency & Remedial Response Division

Enclosures

cc: D. Desnoyers, NYSDEC (w/o enclosure)



SEP 17 2007

Alexander B. Grannis, Commissioner  
New York State Department of  
Environmental Conservation  
625 Broadway  
Albany, New York 12233-7014

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Brewster Well Field Site  
Village of Brewster, New York  
EPA ID No. NYD980652275

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Two copies of the agreement are enclosed for your signature. Both copies shall be deemed an original. Please forward one of the copies of the executed agreement to this office for our records.

I would appreciate your prompt execution of this agreement so that the October 2, 2007 transfer date will be met and the orderly transfer of responsibilities may progress in a timely manner.

Sincerely yours,

George Pavlou, Director  
Emergency & Remedial Response Division

Enclosures

cc: D. Desnoyers, NYSDEC (w/o enclosure)  
bcc: J. Rider, NYSDEC (w/o enclosure) ✓  
C. Berns, ORC (w/o enclosure)

SITE TRANSFER AGREEMENT  
Between the U.S. Environmental Protection Agency, Region II, and  
the New York State Department of Environmental Conservation  
on behalf of the State of New York  
for the  
Transfer of Fund-Lead Remedial Action Responsibilities  
to State-Lead Operation and Maintenance  
for the Brewster Well Field Site  
EPA ID. No. NYD980652275

## **I. Purpose**

The purpose of this Site Transfer Agreement ("Agreement") is to effect an orderly transfer of responsibilities from the United States Environmental Protection Agency's Fund-lead remedial action to New York State's State-lead operation and maintenance ("O&M") of the groundwater management system portion of the remedy selected in the September 30, 1986 Record of Decision ("1986 ROD"), as modified by a December 1996 Explanation of Significant Differences ("ESD"), for the Brewster Well Field Superfund Site, located on the northern bank of the East Branch Croton River, approximately  $\frac{3}{4}$  mile east of the Village of Brewster, Town of Southeast, Putnam County, New York (the "Site").

## **II. Definitions**

A. "Brewster Well Field Site" or "Site" shall mean the Brewster Well Field Superfund Site, which is located on the northern bank of the East Branch of the Croton River,  $\frac{3}{4}$  of a mile east of the Village of Brewster, Town of Southeast in Putnam County, New York. The Site is located approximately 3 miles west of the Connecticut/New York border. Interstate 84 passes just to the west of the Site. The Site includes 30 acres overlying a groundwater contaminant plume that begins at the parking lot of the business located at 1021 Route 22 and extends approximately 1,000 feet to the north. The plume is approximately 600 feet wide. See Appendix A, Figure 1, attached hereto, for a site location map.

B. "CERCLA" shall mean the Comprehensive Environmental Response, Compensation, and Liability Act of 1980, as amended, 42 U.S.C. § 9601, *et. seq.*

C. "EPA" shall mean the United States Environmental Protection Agency and any successor departments or agencies of the United States.

D. "Groundwater Management System" shall mean the system designed to extract and treat the contaminated groundwater. The groundwater management system consists of four extraction wells, an air stripping treatment system, and a surface water discharge line. See Appendix A, Figure 2, attached hereto, for a well location map.

E. "Long-Term Response Action" or "LTRA" shall mean the ten-year period between the date that EPA determines the remedy for Operable Unit One is operational and functional, and the date of the start of Operation and Maintenance.

F. "NYSDEC" shall mean the New York State Department of Environmental Conservation and any successor departments or agencies of the State.

G. "Operable Unit One" or "OU1" shall mean response actions relating to the groundwater contamination remedy associated with the Brewster Well Field Superfund Site.

H. "Operation and Maintenance" or "O&M" shall mean the period of remediation, maintenance, and monitoring required to be performed and funded by the State if the Remedial Action Objectives for Operable Unit One have not been achieved at the completion of the LTRA. NYSDEC refers to "O&M" as "Site Management. In accordance with the OU1 ROD, it is EPA's expectation that the Village of Brewster will continue to operate and maintain an air stripper on its public water supply.

I. "Operable Unit One ROD" or "OU1 ROD" shall mean the EPA Record of Decision relating to the groundwater contamination associated with the Brewster Well Field Superfund Site, signed on September 30, 1986 by the Regional Administrator, EPA, Region II and the ESD signed by EPA in December 1996 that documented a modification to the remedy selected in the OU 1 ROD.

J. "OU1 Remedial Action" shall mean those activities, other than Operation and Maintenance, undertaken for the purpose of implementing the remedy selected in the OU1 ROD for the Site.

K. "OU1 Remedial Action Objectives" shall mean the specific goals for protecting human health and the environment set forth in the OU1 ROD for the Site.

L. "State" shall mean the State of New York, including its agencies, departments, and instrumentalities.

M. "Transfer Date" shall mean October 2, 2007.

### **III. Background**

Section 104(c)(3) of CERCLA, 42 U.S.C. § 9604(c)(3) requires a state to assure all future maintenance of a remedial action provided for the expected life of such action. Section 104(c)(6) of CERCLA, 42 U.S.C § 9604(c)(6), further defines when EPA's Fund-lead remedial action ends and the State-lead O&M begins for ground or surface water restoration measures.

Section 300.435(f)(3) of the National Oil and Hazardous Substances Pollution Contingency Plan ("NCP"), 40 CFR § 300.435(f)(3), states "[F]or Fund-financed remedial actions involving treatment

or other measures to restore ground water or surface water quality to a level that assures protection of human health and the environment, the operation of such treatment or other measures for a period of up to 10 years after the remedy becomes operational and functional [O&F] will be considered part of the remedial action.” Section 300.435(f)(3) of the NCP further states, “[A]ctivities required to maintain the effectiveness of such treatment or measures following the ten-year period, or after the remedial action is complete, whichever is earlier, shall be considered O&M.” The State is responsible for O&M. This document describes the respective tasks required of EPA and the State to transfer the Site from OU1 LTRA to O&M.

This Agreement is entered into in accordance with CERCLA and the NCP. Any deviation from the requirements of CERCLA and the NCP, which are either stated or implied by this agreement, shall be null and void. This document is also intended to be in accordance with EPA and NYSDEC Division of Environmental Remediation guidance documents.<sup>1</sup>

#### **IV. Transfer Agreement**

**A. Applicability.** This Site Transfer Agreement applies only to OU1 of the Brewster Well Field Site.

**B. Site History.** The Site is a Fund-financed National Priorities List (NPL) site.

On September 30, 1986, the OU1 ROD was signed to address the contaminated groundwater. The selected remedy includes continuing to operate an existing air stripping system at certain wells in the well field in order to continue to provide a safe and reliable water supply. The remedy also included the design and construction of a groundwater management system to contain the groundwater contaminant plume and to restore groundwater quality south of the Croton River. The groundwater management system was to consist of four extraction wells, treatment of the extracted groundwater by air stripping, and reinjection of the treated groundwater into eight reinjection wells. After it was constructed, due to operational difficulties related to the reinjection system, the remedy was modified via an ESD in December 1996. The ESD changed the final disposition of the treated groundwater from reinjection to surface water discharge. A final inspection of the Site was conducted in March 1997 to verify that groundwater management system construction activities were complete and to determine whether the remedy had been constructed properly. The remedial action was considered O&F on October 1, 1997.

EPA has been operating the groundwater remediation system since October 1, 1997. On October 30, 2001, an inspection was conducted in conjunction with a Remedial System Evaluation (“RSE”)

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<sup>1</sup> *Transfer of Long-Term Response Action (LTRA) Projects to States*, OSWER Directive 9355.0-81FS-A, July 2003, EPA 540-F-01-021; and *Operation and Maintenance in the Superfund Program*, OSWER 9200.1-37FS, May 2001, EPA 540-F-01-004.

to evaluate the performance of the groundwater management system and to make recommendations on how to improve the system.<sup>2</sup> The RSE considered such issues as the need to replace remedy components that are obsolete, inefficient, or would be near the end of their useful life before the Transfer Date, or to modify the system if necessary. Certain recommendations made in the RSE Report and a Five-Year Review report have been or will be implemented by EPA before the Transfer Date according to the RSE Implementation Plan.

On September 29, 1988, a Record of Decision was issued by EPA that called for the excavation, removal, and off-site incineration of the contents of the dry well and the surrounding contaminated soils at the Site. The major objectives for this action were to ensure the viability of the groundwater management system by removing any continuing source of contamination above the water table and minimizing any potential risks associated with direct contact of contaminated soils. In August 1991, the drywell and associated contaminated soils were excavated. Confirmation sampling at the excavation limits indicated that the cleanup objectives had been met.

**C. Funding and Performance of O&M.** Upon transfer of the Site to the State, the State shall be solely responsible for funding OU1 O&M activities and ensuring performance of the OU1 O&M, in accordance with the OU1 O&M Manual for the Site. Nothing herein shall supercede the provisions of the State Superfund Contract for the Site and amendments thereto. In accordance with the OU1 ROD, it is EPA's expectation that the Village of Brewster will continue to operate and maintain an air stripper on its public water supply.

**D. Site Inspections.** The State hereby agrees to provide EPA with forty-five (45) days advance notice of periodic inspections of the Site to be performed by the State after the Transfer Date, in order to provide EPA an opportunity to participate in such inspections.

**E. Transfer Schedule.** The State and EPA agree to implement the transfer of responsibilities for O&M of the OU1 Remedial Action from EPA to the State. The State will commence OU1 O&M responsibilities on the Transfer Date. A Transfer Schedule is included as **Appendix B**.

**F. Transfer of Records.** EPA will provide necessary Site-related documents, which are not already in the State's possession, to the State on or before the Transfer Date. Records to be transferred in accordance with this paragraph are listed in **Appendix C**. These records will be provided in electronic and/or hard copy, as available.

**G. Progress Reports.** The State will submit annual Site progress reports to EPA. The progress reports will describe the performance of the groundwater management system. The reports will also contain effectiveness monitoring reports which will describe the effectiveness of the capture of the groundwater contamination plume and determine the progress of groundwater restoration. If, however, the sampling frequency is increased or decreased, the reporting frequency may be adjusted

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<sup>2</sup> The Brewster Well Field site was chosen by EPA Headquarters to receive an RSE based on an initial screening of the groundwater extraction and treatment systems managed by EPA Region 2.



by the parties commensurate with the sampling events. If the surface water discharge from the groundwater management system fails to meet surface water discharge standards, the reporting frequency may be adjusted by the parties until the standards are met. These reports will be submitted to EPA not later than ninety (90) days after the last sampling event in the calendar year in which the monitoring is performed.

**H. Five-Year Review Reports.** EPA will continue to perform Five-Year Reviews at the Site, pursuant to Section 121(c) of CERCLA, 42 USC Section 9621(c), until such time that such reviews are no longer required. EPA will notify the State at least nine (9) months prior to the due date for a Five-Year Review that a Five-Year Review will be performed. In coordination with EPA, the State will conduct the following activities at least six (6) months prior to the due date for a Five-Year Review:

1. Review monitoring data for the Site;
2. Summarize O&M experience;
3. Conduct a Site visit to review OU1 remedy implementation; and
4. Identify further response actions or corrective actions that should be conducted.

EPA will provide the State with an opportunity to comment on the draft Five-Year Review Report at least two (2) weeks before the Five-Year Review Report becomes final. EPA will provide the State with a copy of the Five-Year Review Report once it is finalized.

**I. Training.** EPA will provide transition training to state employees, consultants and/or contractors who will be involved with OU1 O&M at the Site and who are designated by NYSDEC on or before the Transfer Date. A Personnel Transition Training Plan is attached hereto as **Appendix D**. Completed certifications from all personnel who have completed training will be submitted to the State Project Manager on or before the Transfer Date, certifying satisfactory completion of the training by the person(s) responsible for OU1 O&M activities at the Site.

**J. EPA-Owned Property and Equipment.** EPA-owned property and equipment associated with the OU1 Remedial Action at the Site is identified on the Equipment Disposition List attached hereto as **Appendix E**. All such equipment and property will be transferred to the State on or before the Transfer Date. Upon such transfer, full title to all items identified on the Equipment Disposition List is granted to the State. The State is responsible for future equipment repairs, replacement, and disposal, and EPA will have no further responsibility for such property or equipment. Attached as **Appendix F** is a determination by the EPA Region 2 Property Officer that all equipment and property has a negligible independent value outside of the Brewster Well Field Site and, therefore, has no value to the United States. There will be no requirement for transfer of funds to EPA upon demolition or dismantling of the equipment associated with the OU1 Remedial Action.

**K. Community Involvement.** EPA will provide the State with its most recent mailing list for the Site. Prior to the Transfer Date, EPA will prepare a Fact Sheet, which will be sent to the parties on the mailing list, announcing the transfer of responsibility for OU1 of the Site to the State.

## **V. Change of Site Status.**

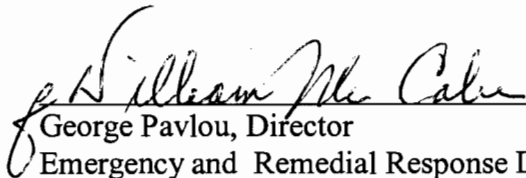
**A. Technical Impracticability Waiver.** Section 121(d)(4) of CERCLA, 42 U.S.C. § 9621(d)(4) allows for a technical impracticability waiver. The State may apply for a Technical Impracticability Waiver in accordance with Section 121(d)(4), 40 CFR Section 300.430(f)(1)(ii)(C)(3), and EPA guidance. If EPA, in consultation with the State, determines that the OU1 Remedial Action Objectives cannot be met because they are technically impracticable from an engineering perspective, EPA may modify the OU1 ROD.

**B. Shutdown and Closure of Remedial Action and/or the Site.** The State shall continue to operate and maintain the groundwater management system until the OU1 Remedial Action is complete. The OU1 Remedial Action is considered complete when monitoring indicates that the remedy has fully achieved the Remedial Action Objectives identified by the OU1 ROD or any future modification or amendment thereto.

**C. Deletion of Site from National Priorities List.** The Site will be deleted from the National Priorities List by EPA after the Remedial Action Objectives for OU1 and OU 2 have been achieved, and in accordance with 40 CFR Section 300.425(e) and EPA's guidance "Close Out Procedures for National Priorities List Site," OSWER Directive 9320.2-09A-P, January 2000, EPA/540/R-98-016.

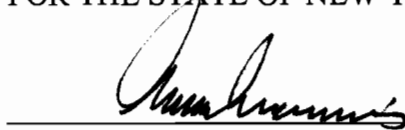
In witness whereof, the parties hereto have executed this Site Transfer Agreement for transfer of responsibility from Fund-lead Operable Unit One Remedial Action to State-lead Operation and Maintenance for the Brewster Well Field Superfund Site in two (2) copies, each of which shall be deemed an original.

FOR THE UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

  
George Pavlou, Director  
Emergency and Remedial Response Division

9-17-07  
Date

FOR THE STATE OF NEW YORK

  
Alexander B. Grannis, Commissioner  
New York State Department of Environmental Conservation

10-12-07  
Date

## **APPENDIX A**

### **BREWSTER WELL FIELD SITE FIGURES**





SOURCE: TERRASERVER DRG (DANBURY CONNECTICUT, UNITED STATE). PROJECTION: WGS84; UNITS: ARC DEGREES. WEST LONGITUDE=73° 41' 21.12" W, NORTH LATITUDE=41° 32' 04.13" N, EAST LONGITUDE=73° 17' 43.51" W, SOUTH LATITUDE=41° 14' 20.55" N.



A **tyco** International Ltd. Company

## FIGURE 1 SITE LOCATION MAP

BREWSTER WELL FIELD SUPERFUND SITE  
VILLAGE OF BREWSTER - TOWN OF SOUTHEAST  
PUTNAM COUNTY, NEW YORK

92066.01

DECEMBER 2006





**Appendix B**  
**Transfer Schedule for EPA's Long-Term Response Action**  
**to New York State Operation and Maintenance**  
**at the Brewster Well Field Superfund Site**

<b>Transfer Schedule</b>		<b>EPA ID Number: NYD980652275</b>
<b>Task</b>	<b>Status/Planned Date(s)</b>	
EPA Determines Operational and Functional Date (October 1, 1997) and Planned Long-Term Response Action (LTRA) Transfer Date (October 2, 2007) and Notifies State	Completed	
EPA Completes Interim Remedial Action (RA) Report	Completed	
EPA Notifies State of LTRA Transfer Date	Completed	
Construction Complete	Completed	
EPA Completes Remedial System Evaluation (RSE) Report	Completed	
EPA Completes First Five-Year Review	Completed	
EPA Develops RSE Implementation Plan	Completed	
EPA Performs RSE Implementation Plan Requirements	Underway	
EPA Completes Second Five-Year Review	Completed	
EPA Develops Transfer Schedule	Completed	
EPA Schedules RSE Implementation Inspection and Notifies State	To Be Scheduled	
State Reviews its Site Management Contract	Ongoing	
EPA Develops and Provides Equipment Disposition List for State Tracking	Completed	
EPA Transfers Records	To Be Performed	
State Verifies all Records are in State Site File Record	In Progress	
EPA Prepares and Implements Personnel Transition Training Plan (PTTP) Trainer/Operators Sign PTTP Signature Sheets	In Progress	

<b>Transfer Schedule</b>		<b>EPA ID Number: NYD980652275</b>
<b>Task</b>	<b>Status/Planned Date(s)</b>	
NYSDEC-Prepared Access Agreements Effective on Transfer Date <sup>3</sup>	To Be Performed	
EPA Conducts Community Relations Activities before Transfer	Ongoing	
EPA Conducts Final Transfer Site Visit	To Be Performed	
Transfer Agreement Signed by EPA and NYSDEC	To Be Performed	
Final Inspection	To Be Performed	
EPA Transfers Equipment and Property to State	To Be Performed	
State Assumes Management of Site ( <i>Transfer Date</i> )	October 2, 2007	
EPA Completes Second Five-Year Review Addendum	April 2008	
NYSDEC Prepares Periodic Review Reports Annually After Transfer	To Be Performed	
EPA Completes Third Five-Year Review	April 2012	
EPA Completes Final Groundwater RA Report	To Be Performed	

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<sup>3</sup> To facilitate NYSDEC's preparation of new access agreements, copies of EPA's executed access agreements were provided to NYSDEC on November 21, 2006.



**Appendix C**  
**List of Site-Related Records**

1. All O&M Manuals (including revisions) with Original/Supplemental Equipment Manuals
2. Quality Control Plan
3. Remedial Design Reports
4. Original Treatment System Layouts (“as-built drawings”)
5. Sampling and Analysis Plan (Quality Assurance Project Plan and Field Sampling Plan)
6. Long-Term Remedial Action Work Plan
7. Health & Safety Plan
8. Relevant MSDS Sheets (specifically, for acetic acid and hypochlorite solution)
9. Equipment Purchase Requests
10. Long-Term Monitoring Reports (Annual and Bi-monthly Reports) including:
  - a. Water Level Monitoring Data
  - b. Daily Operation Logs
  - c. Operator Reports (problems, corrective actions, operation status)
  - d. Sample Data
11. State Pollutant Discharge Elimination System Reports
13. Community Relations Plan and mailing list
14. Brewster Well Field Site Fact Sheet
15. Remedial System Evaluation Implementation Plan

**Appendix D**  
**Transition from Long-Term Response Actions to Operation and Maintenance**  
**Suggested Outline for Personnel Transition Training Plan**

<u>Segment</u>	<u>Remarks</u>
Part 1: HEALTH & SAFETY* - J. Czachorowski, Severson Environmental Services (SES)	
OSHA 1910 Basics	As necessary/relevant to site
Emergency Response	As necessary/relevant to site
Hazard Communication	As necessary/relevant to site
Respiratory Protection	As necessary/relevant to site
Lockout/Tagout	As necessary/relevant to site
Confined Space Entry	As necessary/relevant to site
Right to Know/MSDSs	As necessary/relevant to site
Part 2: FAMILIARIZATION WITH SITE**	
Site Management	
Cursory review of site layout	
O&M: O&M Manual (SES) and As-Built Drawings	
Long-Term Monitoring Plan	
Institutional Control Plan	Not relevant to site
Part 3: COMPUTER/SOFTWARE TRAINING	Not Applicable (No computer on-site)
Part 4: REVIEW - Treatment System Specifications (Malcolm Pirnie O&M Manual)**	Ongoing during training period

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\* Indicates items to be done prior to entering the site.

\*\* Indicates item to be done following Health and Safety Completion.

Part 5: OBSERVATION & HANDS ON\*\*  
Operation and Maintenance of Treatment Plant

General Operating Procedures – L Gasparini - Licensed B2 Operator

TRAINING TO INCLUDE:

- a. Tower Wash/Rinse (Monthly/when needed)\*\*\*
- b. Plant Performance Sampling
- c. Well GW Elevation and Sampling\*\*\* - SES Sample Techs
- d. Security (include Fire Co./ Rescue)
- e. Inspections (Weekly, Monthly, Annually)
- f. Operating Record
- g. Other Structure Maintenance
- h. Other Site Maintenance

Special Operating Procedures

EXAMPLE FUNCTIONS

- a. Contingency Operations

NOTE: Observation and hands on training may be performed multiple times depending on the difficulty of the task. Complete performance tracking sheet after each observation and hands on event until proficiency is obtained.

Part 6 TRAINING EVALUATION  
Training plan completion review and certification

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\*\* Indicates item to be done following Health and Safety Completion.

\*\*\* Indicates items to be done as a “dry run” and at a later date with trainer present, if needed.

**CERTIFICATION SHOWING SATISFACTORY COMPLETION  
TRANSFER TRAINING PLAN**

- A. Satisfactorily completed health & safety training and submitted needed verification (PART 1)
- B. Satisfactorily acknowledged completion of document review (ALL PARTS)
- C. Satisfactorily observed operations listed (completed operation performance tracking sheet for each operation)(PART 5)
- D. Satisfactorily performed routine operations and special procedures with guidance (completed function training sheet for each operation)  
(PART 5)
- E. Satisfactorily understood field hydraulics and site layout (PART 2)
- F. Satisfactorily performed all operations listed in the Transfer Training Plan (PART 5)
- G. Satisfactorily completed one simulated problem solving exercise (Optional)
- H. Satisfactorily performed operations and problem solving with no/minimal guidance.
- I. Remarks:

Trainee _____	_____	_____
Print	Signature	Date
Trainee _____	_____	_____
Print	Signature	Date
Trainee _____	_____	_____
Print	Signature	Date
Trainee _____	_____	_____
Print	Signature	Date
Trainer Supervisor _____	_____	_____
Print	Signature	Date

### OPERATION PERFORMANCE TRACKING SHEET

Operation Description As Shown in the Training Plan	Date	Performance Observed	Rating/Comment*	Trainer/Trainee Initials	Observation Partly Performed/ Performed	Initials

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\* Rating choices: Satisfactory; Not satisfactorily Completed; and Completed Independently

**Appendix E**  
**Equipment Disposition List**  
**Brewster Well Field Site**

General Categories:

- Groundwater Management System Equipment
- Consumables/Sampling Supplies
- Office Furniture
- Durable/Reusable Goods

ITEM DESCRIPTION
<i>Groundwater Management System:</i>
1 sump pump - Goulds Pumps, Inc. WE0511H (5 hp)
1 sump pump (portable) - Goulds Pumps, Inc. (0.5 hp)
1 air stripper tower - Hydro Group, Inc. Prod. No. 2721-80
2 air blowers - Cincinnati Fan PB-12A
1 flow transmitter - Taylor 505TB
1 flow element - Crane Style 520
1 flow recorder (analog totalizer) - Adtec
1 clearwell level controller- Burt Process Equip.
1 duct heater Markel PDQ
2 air dampner butterfly valves - Nil-Cor 700 Series
1 telephone - Com Dial
1 pre-fabricated steel building - 15'x 20'
1 system motor control center - Siemens
1 system alarm annunciator (auto-dialer) - ADT GA-50 10N/1
4 extraction wells with Goulds Pumps, Inc. 13GS15-432/34 Pumps and Hoffman A-1210CHNF Control Boxes
8 injection wells (currently used only for water level monitoring)
1 effluent discharge lines
48 monitoring wells
10 geoprobes
pipings, valves, plumbing and fittings
<i>Miscellaneous Items:</i>
1 bag of rags
2 3/4"x2-1/2" bolts/nuts
2 3/4"x3" bolts/nuts
1 grease gun
1 14.1 oz tube of multi-purpose lithium grease (Special Moly EP)
2 scrub brushes
2 Siemens 3TB44 motor contactors
1 Siemens 3UA52 00-1H
3 1" gate valves
3 1-1/2" to 3/4" reducers

2 cans WD-40
4 pairs of gloves, heavy leather
8 rolls of duct tape
4 dry chemical fire extinguishers (class 1-A:10-B-C) – 2 New Feb. 2006 checked monthly
1 MSA splash suit
1 Case of Tyvek suits – PPE
3 Boxes of Sample Gloves
2 500 ml graduated cylinders
1 250 ml graduated cylinder
2 cans of green Krylon spray paint
1 bag (40 count) Tyvek overbooties
1 box (approx. 15) Haz-Mat sorbent socks (~3' long each) for acids, caustics and solvents
2 lengths (~100') 1-1/2" 125 psi ASTM D2234 PE-3408 black plastic water pipe
3 lengths 1" 200 psi ASTM D2234 PE-3408 black plastic water pipe
1 box chem wipes
4 life preservers
1 yard stick
1 WATTS regulator EVR Series EVR-11 120v
5 boxes (18"x18"x18") Koch plastic flexi-saddle tower packing
1 STE Pumpmaster pump switch
4 5-gallon buckets
4 sample coolers
1 folding table and chair
1 first aid kit
2 cans of wasp spray
1 broom
1 manhole pry bar
1 small garden spade
1 ice chopper
2 75' lengths of 3/4" heavy duty garden hose
2 50' lengths of 5/8" garden hose
1 29-gallon trash can
1 16' Aluminum Boat with oars
1 Kemmering sampler
1 rubber-tired wagon with removable sides
1 toolbox with misc. hand tools
Various miscellaneous extra sampling bottleware/shipping coolers/supplies

**APPENDIX F**

**FINDINGS AND DETERMINATION  
DISPOSITION OF U.S. GOVERNMENT PROPERTY  
AT THE BREWSTER WELL FIELD SITE**



**FINDINGS AND DETERMINATION  
DISPOSITION OF U.S. GOVERNMENT PROPERTY  
AT THE BREWSTER WELL FIELD  
PROPERTY SUPERFUND SITE  
LOCATED IN SOUTHEAST, NY**

The U.S. Environmental Protection Agency has been the lead agency with respect to Long-Term Response Action (LTRA) activities at the Brewster Well Field Property Site (hereinafter referred to as "the site"). The LTRA activities are nearing completion. Upon completion of the LTRA activities, the State of New York will become the lead for Operation and Maintenance (O&M) activities at the site.

Construction of a ground water treatment plant at the Site was completed on October 1, 1997. The treatment plant and equipment are now approximately ten years old. The treatment plant was custom-designed for conditions at the site. The treatment plant equipment has been fully depreciated (original acquisition cost of the equipment was believed to be less than \$25,000 dollars) and the remaining value of the equipment is negligible. Retention of the equipment for the purpose of obtaining salvage value is therefore not an issue. Additional consideration is given to the fact that the equipment is permanently mounted and significant costs would be incurred to disassemble the major subsystems for removal. These costs would substantially outweigh any possible remuneration that might be obtained from sale of said property. It can also be stated that most of the system could not be sold as scrap and would require special handling for disposal. We arrive at the conclusion that the ability to avoid substantial costs for dismantling and disposal is a significant benefit to be derived from transferring title to said property to the State.

Due regard is also required with regard to the environmental benefit to be derived by transferring title to the state so that remediation may be continued as necessary. Removal of any significant part of the treatment plant would jeopardize the effectiveness of any cleanup operations which may be performed by the State.

The State will bear all costs related to any operation of the treatment plant as part of the upcoming O&M. Any replacement of aged equipment shall be the State's responsibility. Any post-cleanup removal or dismantling of equipment at the Site will be the State's responsibility. The United States does not own land at the Site. Similarly, the United States did not acquire any easements related to the Site.

With due regard to all of the above considerations I find that it is in the best interests of the United States Government and the Environmental Protection Agency to transfer title or ownership of the ground water treatment plant, building, and related equipment to the State and authorize said transfer of title as indicated by my signature below.

  
\_\_\_\_\_  
EPA Property Officer (s)

9/17/07  
\_\_\_\_\_  
Date

# Inventory Summary

The U.S. Army Corps of Engineers' Long-Term Remedial Action Contractor, Severson, developed an inventory of the equipment and supplies currently at the Brewster Well Field GMS. A list of the equipment and supplies is given below:

1. 1- bag of rags
2. 2 - 3/4"x2-1/2" bolts/nuts
3. 2 - 3/4"x3" bolts/nuts
4. 1 - grease gun
5. 1 - 14.1 oz tube of multi-purpose lithium grease (Special Moly EP)
6. 2 - scrub brushes
7. 2 - Siemens 3TB44 motor contactors
8. 1 - Siemens 3UA52 00-1H motor contactors
9. 3 - 1" gate valves
10. 3 - 1-1/2" to 3/4" reducers
11. 2 - cans WD-40
12. 4 - pr gloves, heavy leather
13. 8 - rolls of duct tape
14. 4 - dry chemical fire extinguisher (class 1-A:10-B-C) – 2 New Feb. 2006  
checked monthly
15. 1 - MSA splash suit
16. 1 - Case of Tyvek suits -- PPE
17. 3 - Boxes of Sample Gloves
18. 2 - 500 ml graduated cylinder
19. 1 - 250 ml graduated cylinder
20. 1/2 - can of green Krylon spray paint
21. 1 - bag (40 count) Tyvek overbooties
22. 1 - box (approx. 15) Haz-Mat sorbent socks (~3' long each) for acids,  
caustics and solvents
23. 2 - lengths (~100') 1-1/2" 125 psi ASTM D2234 PE-3408 black plastic  
water pipe
24. 3 - lengths 1" 200 psi ASTM D2234 PE-3408 black plastic water pipe
25. 1 - box Chem wipes
26. 4 - life preservers
27. 1 - yard stick
28. 1 - WATTS regulator EVR Series EVR-11 120v
29. 5 - Boxes (18"x18"x18") Koch plastic flexi-saddle tower packing
30. 1 - STE Pumpmaster pump switch
31. 4 - 5 gallon buckets
32. 4 - sample coolers
33. 1 - folding table and chair
34. 1 - first aid kit
35. 2 - cans of wasp spray
36. 1 - broom
37. 1 - shovel
38. 1 - manhole pry bar
39. 1 - small garden spade
40. 1 - ice chopper

## **Inventory Summary**

The U.S. Army Corps of Engineers' Long-Term Remedial Action Contractor, Severson, developed an inventory of the equipment and supplies currently at the Brewster Well Field GMS. A list of the major systems equipment and supplies are as stated below:

### **Major GWTP System Components**

- 49. 1 - Sump Pump - Goulds Pumps, Inc. WE0511H (5hp)**
- 50. 1 - Sump Pump (Portable) - Goulds Pumps, Inc. (0.5 hp)
- 51.1 - Air Stripper Tower - Hydro Group, Inc. Prod. No. 2721-80**
- 52. 2 - Air Blowers - Cincinnati Fan PB-12A**
- 53. 4 - G.W. Extraction Wells - w/ Goulds Pumps, Inc. 13GS15-432/34  
Pumps and Hoffman A-1210CHNF Control Boxes (See List)**
- 54. 48 - G.W. Monitoring Wells (See List)**
- 55. 8 - G.W. Injection Wells (See List)**
- 56. 1 - Flow Transmitter - Taylor 505TB
- 57. 1 - Flow Element - Crane Style 520
- 58. 1 - Flow Recorder (Analog Totalizer) - Adtec
- 59. 1 - Clearwell Level Controller - Burt Process Equip.
- 60. 1 - Duct Heater Markel PDQ**
- 61. 2 - Air Damper Butterfly Valves - Nil-Cor 700 Series
- 62. 1 - Telephone - Com Dial
- 63. 1 - Pre-Fabricated Steel Building - 15'x 20'**
- 64. 1 - System Motor Control Center - Siemens**
- 65. 1 - System Alarm Annunciator (Auto-dialer) - ADT GA-50 10N/1**
- 66. 1 - Effluent Discharge Line and piping, valves, plumbing and fittings

# Inventory Summary

Sevenson developed an inventory of the equipment and supplies currently at the Brewster Well Field GMS. A list of the equipment and supplies is given below:

1. 1- bag of rags - Left
2. 2 - 3/4"x2-1/2" bolts/nuts - Left
3. 2 - 3/4"x3" bolts/nuts - Left
4. 1 - grease gun- Left
5. 1 - 14.1 oz tube of multi-purpose lithium grease (Special Moly EP) - Left
6. 2 - scrub brushes – SES discarded 1 & Removed 1 with Toolbox
7. 2 - Siemens 3TB44 motor contactors - Left
8. 1 - Siemens 3UA52 00-1H - Left
9. 3 - 1" gate valves - Left
10. 3 - 1-1/2" to 3/4" reducers - Left
11. 2 - cans WD-40- Left
12. 4 - pr gloves, heavy leather - Left
13. 8 - rolls of duct tape – SES removed
14. 4 - dry chemical fire extinguisher (class 1-A:10-B-C) – 2 New Feb. 2006  
checked monthly 2 new ones Left SES Removed 2 old ones
15. 1 - MSA splash suit – SES removed
16. 1 - Case of Tyvek suits – PPE – SES removed
17. 3 – Boxes of Sample Gloves – 1 Left
18. 2 - 500 ml graduated cylinder – SES removed
19. 1 - 250 ml graduated cylinder – SES removed
20. 1/2 - can of green Krylon spray paint - Left
21. 1 - bag (40 count) Tyvek overbooties– SES removed
22. 1 - box (approx. 15) Haz-Mat sorbent socks (~3' long each) for acids,  
caustics and solvents – SES discarded
23. 2 - lengths (~100') 1-1/2" 125 psi ASTM D2234 PE-3408 black plastic  
water pipe - Left
24. 3 - lengths 1" 200 psi ASTM D2234 PE-3408 black plastic water pipe -  
Left
25. 1 - box Chem wipes – SES removed
26. 4 - life preservers – SES removed
27. 1 - yard stick - Left
28. 1 - sump pump GP WW0511A 5-Hp 115v - Left
29. 1 - WATTS regulator EVR Series EVR-11 120v - Left
30. 5 boxes (18"x18"x18") plastic saddle tower packing - Left
31. 1 - STE Pumpmaster pump switch - Left
32. 4 - 5 gallon buckets – 2 Left SES removed 2
33. 4 - sample coolers– SES removed
34. 1 - folding table and chair – SES removed
35. 1 - first aid kit - Left
36. 2 - cans of wasp spray – SES removed
37. 1 – broom - Left
38. 1 - manhole pry bar – SES removed
39. 1 - small garden spade– SES discarded
40. 1 - ice chopper - Left

- 41. 2 - 75' length of 3/4" heavy duty garden hose - Left
- 42. 2 - 50' length of 5/8" garden hose- Left
- 43. 1 - 29 gallon trash can - Left
- 44. 1-16' Aluminum Boat w/oars – SES removed
- 45. 1-Kemmering sampler – SES removed
- 46. Various Misc. Extra Sampling bottleware – SES removed
- 47. 1 - wagon w/ removable sides – SES removed
- 48. 1 – Toolbox w/ misc. hand tools – SES removed