

II. Suggested Notice of Intent (NOI) Format

1. General facility information. Please provide the following information about the facility.

a) Name of facility: Former Zeneca Specialties	Mailing Address for the Facility: 200 Day Hill Road, Suite 200 Windsor, Connecticut 06095	
b) Location Address of the Facility (if different from mailing address): 333 Main Street Dighton, Massachusetts 02715	Facility Location	Type of Business: Stationary
	longitude: <u>41.8152975</u> latitude: <u>-71.1272067</u>	Facility SIC Codes: 2899, 2865, 2869
c) Name of facility owner: <u>Zeneca Specialties, Inc.</u> Owner's email: <u>charles.elmendorf@astrazeneca.com</u> Owner's Tel #: <u>(302) 885-7048</u> Owner's Fax #: <u>(302) 886-5933</u> Address of owner (if different from facility address) 1800 Concord Pike Wilmington, Delaware 19850 Owner is (check one): 1. Federal _____ 2. State _____ 3. Private <u>X</u> 4. Other _____ (Describe) _____		
Legal name of Operator, if not owner: <u>de maximis, inc.</u> Operator Contact Name: <u>Bruce Thompson</u> Operator Tel Number: <u>(860) 298-0541</u> Fax Number: <u>(860) 298-0561</u> Operator's email: <u>Brucet@demaximis.com</u> Operator Address (if different from owner) 200 Day Hill Road, Suite 200 Windsor, Connecticut 06095		
d) Attach a topographic map indicating the location of the facility and the outfall(s) to the receiving water. Map attached? <u>X</u>		
e) Check Yes or No for the following: 1. Has a prior NPDES permit been granted for the discharge? Yes _____ No <u>X</u> If Yes, Permit Number: _____ 2. Is the discharge a "new discharger" as defined by 40 CFR Section 122.2? Yes <u>X</u> No _____ 3. Is the facility covered by an individual NPDES permit? Yes _____ No <u>X</u> If Yes, Permit Number _____ 4. Is there a pending application on file with EPA for this discharge? Yes _____ No <u>X</u> If Yes, date of submittal: _____		

2. Discharge information. Please provide information about the discharge, (attaching additional sheets as needed)

a) Name of receiving water into which discharge will occur: Muddy Cove Brook

State Water Quality Classification: SA Fresh water: X Marine Water: _____

b) Describe the discharge activities for which the owner/applicant is seeking coverage:

1. Construction dewatering of groundwater intrusion and/or stormwater accumulation.
2. Short-term or long-term dewatering of foundation sumps.
3. Other.

1. Constuction dewatering for storwater/surface water to reroute/repair current stormwater system

c) Number of outfalls 1

For each outfall:

d) ~~Estimate~~ the maximum daily and average monthly flow of the discharge (in gallons per day – GPD). Max Daily Flow 50,000 GPD
Average Monthly Flow 10,000 GPD

e.) What is the maximum and minimum monthly pH of the discharge (in s.u.)? Max pH 6.7 Min pH 6.7

f.) Identify the source of the discharge (i.e. potable water, surface water, or groundwater). If groundwater, the facility shall submit effluent test results, as required in Section 4.4.5 of the General Permit. surfacewater/stormwater, analytical results attached

g.) What treatment does the wastewater receive prior to discharge? None

h.) Is the discharge continuous? Yes _____ No X If no, is the discharge periodic (P) (occurs regularly, i.e., monthly or seasonally, but is not continuous all year) or intermittent (I) (occurs sometimes but not regularly) or both (B) I

If (P), number of days or months per year of the discharge _____ and the specific months of discharge _____;

If (I), number of days/year there is a discharge 1

Is the discharge temporary? Yes X No _____

If yes, approximate start date of dewatering July 5th, 2016 approximate end date of dewatering August 31th, 2016

i.) Latitude and longitude of each discharge within 100 feet (See http://www.epa.gov/tri/report/siting_tool): Outfall 1: long. 41.813706 lat. -71.125705;
Outfall 2: long. _____ lat. _____; Outfall 3: long. _____ lat. _____.

j.) If the source of the discharge is potable water, please provide the reported or calculated seven day-ten year low flow (7Q10) of the receiving water and attach any calculation sheets used to support street flow and dilution calculations _____ cfs

(See Appendix VII for equations and additional information)

MASSACHUSETTS FACILITIES: See Section 3.4 and Appendix 1 of the General Permit for more information on Areas of Critical Environmental Concern (ACEC):

- k.) Does the discharge occur in an ACEC? Yes _____ No X _____
If yes, provide the name of the ACEC: _____

3. Contaminant Information

- a) Are any pH neutralization and/or dechlorination chemicals used in the discharge? If so, include the chemical name and manufacturer; maximum and average daily quantity used as well as the maximum and average daily expected concentrations (mg/l) in the discharge, and the vendor's reported aquatic toxicity (NOAEL and/or LC₅₀ in percent for aquatic organism(s)).
- b) Please report any known remediation activities or water-quality issues in the vicinity of the discharge. The site where the discharge will occur is subject to a May 2004 consent order U.S. EPA Docket No. RCRA-01-2004-0054, which requires completion of a RCRA RFI, CMS, and CMI. The site is currently in the investigative phase of work.

4. Determination of Endangered Species Act Eligibility: Provide documentation of ESA eligibility as required at Part 3.4 and Appendix IV. In addition, respond to the following questions.

- a) Which of the three eligibility criteria listed in Appendix IV, Criterion (A, B, or C) have you met? A _____
- b) Please attach documentation with your NOI supporting your response. Please see Appendix IV for acceptable documentation. Documentation attached

5. Documentation of National Historic Preservation Act requirements: Please respond to the following questions:

- a) See Screening Process in Appendix III and respond to questions regarding your site and any historic properties listed or eligible for listing on the National Register of Historic Places. Question 1: Yes X No _____; Question 2: No X Yes _____
- b) Have any State or Tribal historic preservation officers been consulted in this determination? Yes _____ or No X If yes, attach the results of the consultation(s).
- c) Which of the three National Historic Preservation Act eligibility criterion listed in Appendix III, Criterion (A, B, or C) have you met? A _____
- d) Is the project located on property of religious or cultural significance to an Indian Tribe? Yes _____ or No X if yes, provide that name of the Indian Tribe associated with the property. _____

6. Supplemental Information: Please provide any supplemental information. Attach any analytical data used to support the application. Attach any certification(s) required by the general permit. Analytical results attached.

7. Signature Requirements: The Notice of Intent must be signed by the operator in accordance with the signatory requirements of 40 CFR Section 122.22 (see below) including the following certification:

I certify under penalty of law that (1) no biocides or other chemical additives except for those used for pH adjustment and/or dechlorination are used in the dewatering system; (2) the discharge consists solely of dewatering and authorized pH adjustment and/or dechlorination chemicals; (3) the discharge does not come in contact with any raw materials, intermediate product, water product or finished product; (4) if the discharge of dewatering subsequently mixes with other permitted wastewater (i.e. stormwater) prior to discharging to the receiving water, any monitoring provided under this permit will be only for dewatering discharge; (5) where applicable, the facility has complied with the requirements of this permit specific to the Endangered Species Act and National Historic Preservation Act; and (6) this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted.

Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, I certify that the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I certify that I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Facility Name:

Zeneca Dighton

Operator signature:

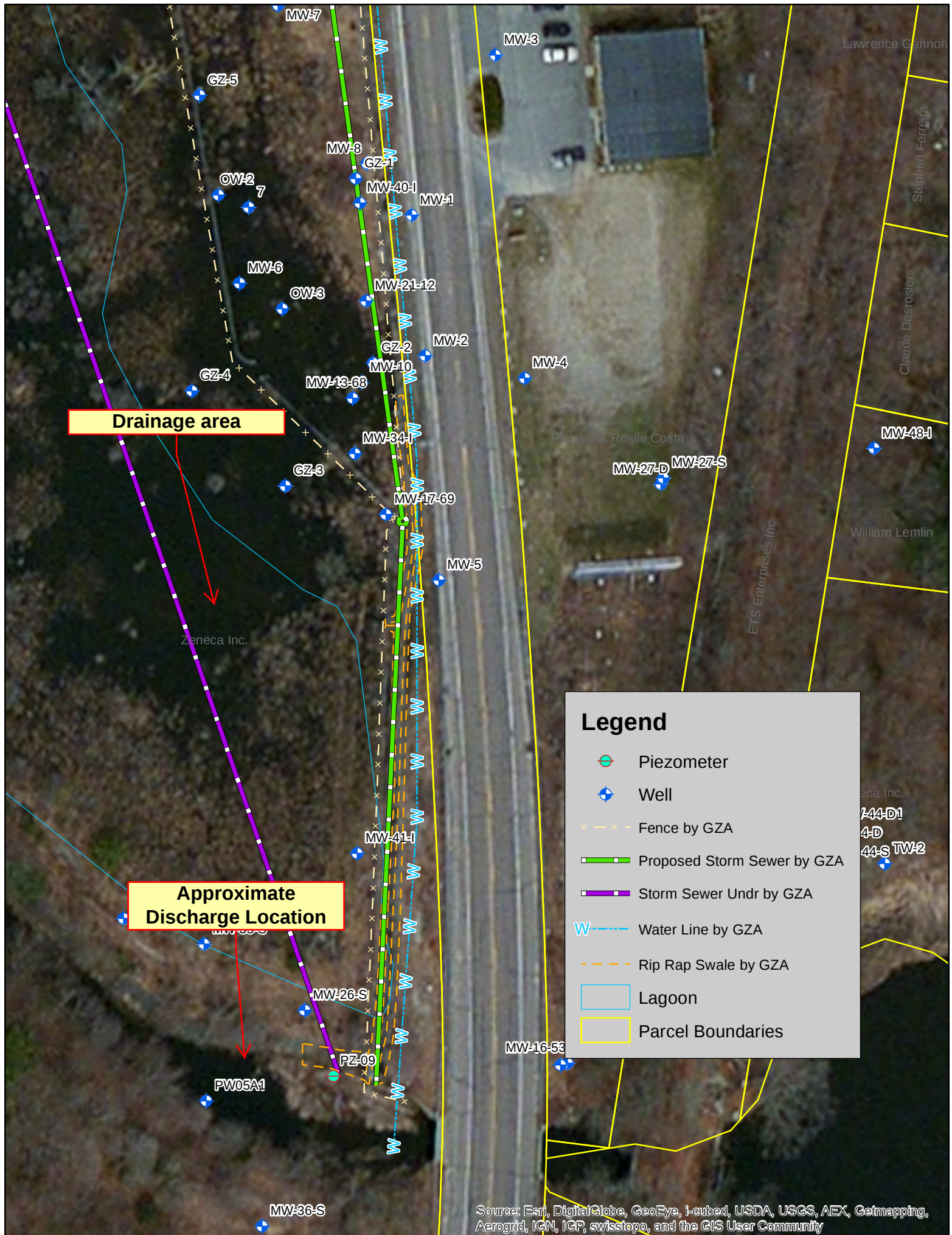


Print Full Name and Title: Bruce Thompson, Project Coordinator for RCRA RFI/CMS and Director, *de maximis, inc.*

Date:

Federal regulations require this application to be signed as follows:

1. For a corporation, by a principal executive officer of at least the level of vice president;
2. For partnership or sole proprietorship, by a general partner or the proprietor, respectively, or,
3. For a municipality, State, Federal or other public facility, by either a principal executive officer or ranking elected official.



Proposed Storm Sewer Line Replacment

Zenaca, Inc.
Dighton Town, MA

Map Extent

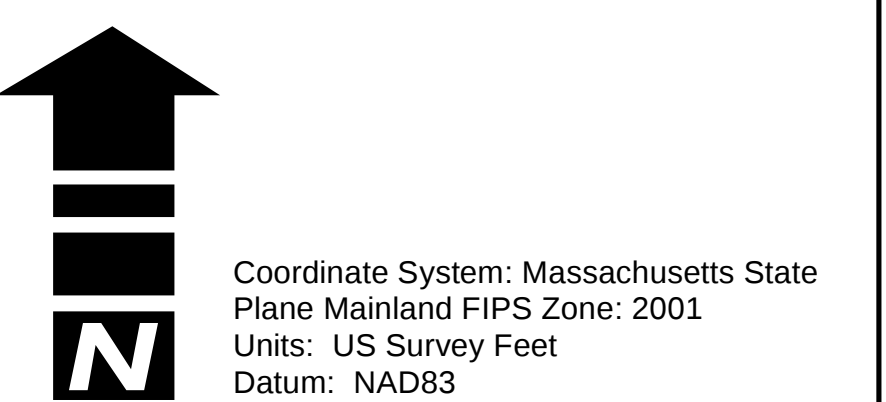


Map Legend:

- Piezometer
- Well
- Bridge by GZA
- Electric Overhead by GZA
- Guard Rail by GZA
- Fence by GZA
- Road by GZA
- Proposed Storm Sewer by GZA
- Storm Sewer Undr by GZA
- Sidewalk by GZA
- Water Line by GZA
- Rip Rap Swale by GZA
- Trees by GZA
- Existing Storm Sewer Line To be Abandoned in Place
- Electrical Pole by GZA
- Catch Basin by GZA
- Manhole by GZA
- Surf. Elevation by GZA
- Proposed Manhole
- Existing Manhole
- Existing Catch Basin
- Existing Clean Out
- Elevation Contour - 1ft
- Lagoon
- Building
- Parcel Boundaries

0 50 100 150 Feet
1 inch = 50 feet

Spatial Projection:



Plot Info:

File: Storm Sewer Replacement E size_with GZA CAD
Project No.: 1547
Date: 5/9/2016
Operator: JLT
Reviewed By:



200 Dayhill Road
Windsor, Connecticut 06095
www.demaximis.com



1217 Bandana Boulevard North
Saint Paul, Minnesota 55108
www.ddmsinc.com



CERTIFICATE OF ANALYSIS

US Ecology - EQ Northeast, Inc
Attn: Kurt Oosterman
PO Box 617
Wrentham, MA 02093

Date Received: 5/17/2016
Date Reported: 5/24/2016
P.O. #: 1431 OB 03500 (KEOLIS)
Work Order #: 1605-11163

DESCRIPTION: ZENECA DIGHTON

Subject sample(s) has/have been analyzed by our Warwick, RI laboratory with the attached results.

Reference: All parameters were analyzed by U.S. EPA approved methodologies.
The specific methodologies are listed in the methods column of the Certificate of Analysis.

Data qualifiers (if present) are explained in full at the end of a given sample's analytical results.

The Detection Limit is defined as the lowest level that can be reliably achieved during routine laboratory conditions.

The Certificate of Analysis shall not be reproduced except in full, without written approval of R.I. Analytical.
Results relate only to samples submitted to the laboratory for analysis.

Test results are not blank corrected.

Certification # (as applicable to the sample's origin state):
RI LAI00033, MA M-RI015, CT PH-0508, ME RI00015, NH 2070, NY 11726

If you have any questions regarding this work, or if we may be of further assistance, please contact our customer service department.

Approved by:



enc: Chain of Custody

R.I. Analytical Laboratories, Inc.

CERTIFICATE OF ANALYSIS

US Ecology - EQ Northeast, Inc

Date Received: 5/17/2016

Work Order #: 1605-11163

Sample # 001

SAMPLE DESCRIPTION: D-01 THRU D-06

SAMPLE TYPE: GRAB

SAMPLE DATE/TIME: 5/17/2016 @ 10:30

PARAMETER	SAMPLE RESULTS	DET. LIMIT	UNITS	METHOD	DATE/TIME ANALYZED	ANALYST
pH	6.7		SU	SM4500H+B	5/17/2016 16:45	DET
Fecal Coliform (MF)	86	2	CFU/100mL	SM9222D 19-21ed	5/17/2016 14:55	SSS
E. Coli	46	1	MPN/100 ml	SM9223B 19-21ed Enum	5/17/2016 14:16	SSS
Dissolved Oxygen	10.0		mg/l		5/24/2016 9:55	SSS
Total Residual Chlorine	0.11	0.10	mg/l	SM4500Cl-G 18-21ed	5/17/2016 16:00	DET
Total Suspended Solids	20	2.0	mg/l	SM2540D 18-21ed	5/18/2016 21:07	KJK
Total Solids	220	10	mg/l	SM2540B 18-21ed	5/18/2016 10:40	SNI
Settleable Solids	2.5	0.5	ml/L	SM2540F 18-21ed	5/17/2016 17:00	DET
Color	50	1	CU	SM2120B 18-22ed	5/17/2016 15:35	DET
Turbidity	2.2	0.1	NTU	EPA 180.1	5/17/2016 16:30	DET
Odor	1		TON	EPA 140.1	5/17/2016 17:20	DET
Oil & Grease Gravimetric	1.0	0.5	mg/l	EPA 1664A	5/20/2016 15:14	KJK
Dissolved Oxygen (Field)	68.5	1.0	%	EPA 360.1	5/17/2016 10:30	*CS
Temperature (field)	14.1		C		5/17/2016 10:30	*CS
Volatile Organic Compounds						
Bromodichloromethane	<0.5	0.5	ug/l	EPA 524.2	5/23/2016 13:27	KF
Bromoform	<0.5	0.5	ug/l	EPA 524.2	5/23/2016 13:27	KF
Dibromochloromethane	<0.5	0.5	ug/l	EPA 524.2	5/23/2016 13:27	KF
Chloroform	<0.5	0.5	ug/l	EPA 524.2	5/23/2016 13:27	KF
Benzene	<0.5	0.5	ug/l	EPA 524.2	5/23/2016 13:27	KF
Carbon Tetrachloride	<0.5	0.5	ug/l	EPA 524.2	5/23/2016 13:27	KF
1,2-Dichloroethane	<0.5	0.5	ug/l	EPA 524.2	5/23/2016 13:27	KF
Trichloroethene	<0.5	0.5	ug/l	EPA 524.2	5/23/2016 13:27	KF
1,4-Dichlorobenzene	<0.5	0.5	ug/l	EPA 524.2	5/23/2016 13:27	KF
1,1-Dichloroethane	<0.5	0.5	ug/l	EPA 524.2	5/23/2016 13:27	KF
1,1,1-Trichloroethane	<0.5	0.5	ug/l	EPA 524.2	5/23/2016 13:27	KF
Vinyl Chloride	<0.5	0.5	ug/l	EPA 524.2	5/23/2016 13:27	KF
Bromobenzene	<0.5	0.5	ug/l	EPA 524.2	5/23/2016 13:27	KF
Bromomethane	<0.5	0.5	ug/l	EPA 524.2	5/23/2016 13:27	KF
Chlorobenzene	<0.5	0.5	ug/l	EPA 524.2	5/23/2016 13:27	KF
Chloroethane	<0.5	0.5	ug/l	EPA 524.2	5/23/2016 13:27	KF
Chloromethane	<0.5	0.5	ug/l	EPA 524.2	5/23/2016 13:27	KF
2-Chlorotoluene	<0.5	0.5	ug/l	EPA 524.2	5/23/2016 13:27	KF
4-Chlorotoluene	<0.5	0.5	ug/l	EPA 524.2	5/23/2016 13:27	KF
Dibromomethane	<0.5	0.5	ug/l	EPA 524.2	5/23/2016 13:27	KF
1,3-Dichlorobenzene	<0.5	0.5	ug/l	EPA 524.2	5/23/2016 13:27	KF
1,2-Dichlorobenzene	<0.5	0.5	ug/l	EPA 524.2	5/23/2016 13:27	KF
Trans-1,2-Dichloroethene	<0.5	0.5	ug/l	EPA 524.2	5/23/2016 13:27	KF
cis-1,2-Dichloroethene	<0.5	0.5	ug/l	EPA 524.2	5/23/2016 13:27	KF
Methylene Chloride	<0.5	0.5	ug/l	EPA 524.2	5/23/2016 13:27	KF

R.I. Analytical Laboratories, Inc.

CERTIFICATE OF ANALYSIS

US Ecology - EQ Northeast, Inc

Date Received: 5/17/2016

Work Order #: 1605-11163

Sample # 001

SAMPLE DESCRIPTION: D-01 THRU D-06

SAMPLE TYPE: GRAB

SAMPLE DATE/TIME: 5/17/2016 @ 10:30

PARAMETER	SAMPLE RESULTS	DET. LIMIT	UNITS	METHOD	DATE/TIME ANALYZED	ANALYST
1,1-Dichloroethene	<0.5	0.5	ug/l	EPA 524.2	5/23/2016 13:27	KF
1,1-Dichloropropene	<0.5	0.5	ug/l	EPA 524.2	5/23/2016 13:27	KF
1,2-Dichloropropane	<0.5	0.5	ug/l	EPA 524.2	5/23/2016 13:27	KF
1,3-Dichloropropane	<0.5	0.5	ug/l	EPA 524.2	5/23/2016 13:27	KF
cis-1,3-Dichloropropene	<0.5	0.5	ug/l	EPA 524.2	5/23/2016 13:27	KF
trans-1,3-Dichloropropylene	<0.5	0.5	ug/l	EPA 524.2	5/23/2016 13:27	KF
2,2-Dichloropropane	<0.5	0.5	ug/l	EPA 524.2	5/23/2016 13:27	KF
Ethylbenzene	<0.5	0.5	ug/l	EPA 524.2	5/23/2016 13:27	KF
Styrene	<0.5	0.5	ug/l	EPA 524.2	5/23/2016 13:27	KF
1,1,2-Trichloroethane	<0.5	0.5	ug/l	EPA 524.2	5/23/2016 13:27	KF
1,1,1,2-Tetrachloroethane	<0.5	0.5	ug/l	EPA 524.2	5/23/2016 13:27	KF
1,1,2,2-Tetrachloroethane	<0.5	0.5	ug/l	EPA 524.2	5/23/2016 13:27	KF
Tetrachloroethene	<0.5	0.5	ug/l	EPA 524.2	5/23/2016 13:27	KF
1,2,3-Trichloropropane	<0.5	0.5	ug/l	EPA 524.2	5/23/2016 13:27	KF
Toluene	<0.5	0.5	ug/l	EPA 524.2	5/23/2016 13:27	KF
o-Xylene	<0.5	0.5	ug/l	EPA 524.2	5/23/2016 13:27	KF
m,p-Xylene	<0.5	0.5	ug/l	EPA 524.2	5/23/2016 13:27	KF
Xylenes	<0.5	0.5	ug/l	EPA 524.2	5/23/2016 13:27	KF
Bromochloromethane	<0.5	0.5	ug/l	EPA 524.2	5/23/2016 13:27	KF
n-Butylbenzene	<0.5	0.5	ug/l	EPA 524.2	5/23/2016 13:27	KF
Dichlorodifluoromethane	<0.5	0.5	ug/l	EPA 524.2	5/23/2016 13:27	KF
Trichlorofluoromethane	<0.5	0.5	ug/l	EPA 524.2	5/23/2016 13:27	KF
Isopropylbenzene	<0.5	0.5	ug/l	EPA 524.2	5/23/2016 13:27	KF
Hexachlorobutadiene	<0.5	0.5	ug/l	EPA 524.2	5/23/2016 13:27	KF
p-Isopropyltoluene	<0.5	0.5	ug/l	EPA 524.2	5/23/2016 13:27	KF
Naphthalene	<0.5	0.5	ug/l	EPA 524.2	5/23/2016 13:27	KF
n-Propylbenzene	<0.5	0.5	ug/l	EPA 524.2	5/23/2016 13:27	KF
Sec-butylbenzene	<0.5	0.5	ug/l	EPA 524.2	5/23/2016 13:27	KF
tert-Butylbenzene	<0.5	0.5	ug/l	EPA 524.2	5/23/2016 13:27	KF
1,2,3-Trichlorobenzene	<0.5	0.5	ug/l	EPA 524.2	5/23/2016 13:27	KF
1,2,4-Trichlorobenzene	<0.5	0.5	ug/l	EPA 524.2	5/23/2016 13:27	KF
1,2,4-Trimethylbenzene	<0.5	0.5	ug/l	EPA 524.2	5/23/2016 13:27	KF
1,3,5-Trimethylbenzene	<0.5	0.5	ug/l	EPA 524.2	5/23/2016 13:27	KF
MTBE	<0.5	0.5	ug/l	EPA 524.2	5/23/2016 13:27	KF
n-Hexane	<0.5	0.5	ug/l	EPA 524.2	5/23/2016 13:27	KF
Surrogates			RANGE	EPA 524.2	5/23/2016 0:00	KF
4-Bromofluorobenzene	104		80-120%	EPA 524.2	5/23/2016 13:27	KF
1,2-Dichlorobenzene-d4	105		80-120%	EPA 524.2	5/23/2016 13:27	KF

R.I. Analytical Laboratories, Inc.

CERTIFICATE OF ANALYSIS

US Ecology - EQ Northeast, Inc
Date Received: 5/17/2016
Work Order #: 1605-11163

The pH analysis ideally should be performed in the field. The pH analysis was performed by the laboratory as soon as possible after receipt.

The Total Residual Chlorine analysis ideally should be performed in the field. The analysis was performed by the laboratory as soon as possible after receipt.

A trip blank was not received for the 524 analysis.

*CS - Field sampling data was provided by US Ecology.

41 Illinois Avenue Warwick, RI 02888 Tel: 800-937-2580 Fax: 401-738-1970	131 Coolidge St, Bldg. 2 Hudson, MA 01749 Tel: 888-228-3334 Fax: 978-568-0078
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Page 1 of 1

Former Zeneca Specialties, 333 Main Street, Dighton, MA

IPaC Trust Resource Report

Generated November 09, 2015 11:56 AM MST

This report is for informational purposes only and should not be used for planning or analyzing project-level impacts. For projects that require FWS review, please return to this project on the IPaC website and request an official species list from the Regulatory Documents page.



US Fish & Wildlife Service

IPaC Trust Resource Report



Project Description

NAME

Former Zeneca Specialties, 333 Main
Street, Dighton, MA

PROJECT CODE

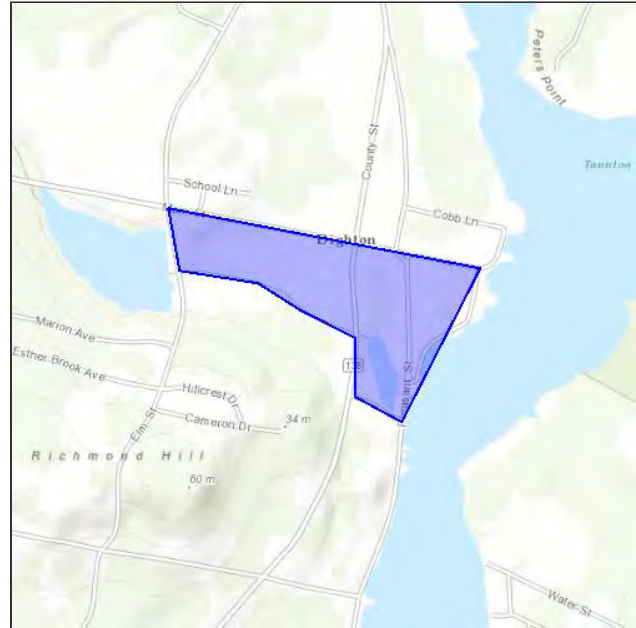
4ZUCI-WOBLV-B2PEB-EVBUJ-AHXIFE

LOCATION

Bristol County, Massachusetts

DESCRIPTION

Dewatering General Permit



U.S. Fish & Wildlife Contact Information

Species in this report are managed by:

New England Ecological Services Field Office

70 Commercial Street, Suite 300

Concord, NH 03301-5094

(603) 223-2541

Endangered Species

Proposed, candidate, threatened, and endangered species that are managed by the [Endangered Species Program](#) and should be considered as part of an effect analysis for this project.

This unofficial species list is for informational purposes only and does not fulfill the requirements under [Section 7](#) of the Endangered Species Act, which states that Federal agencies are required to "request of the Secretary of Interior information whether any species which is listed or proposed to be listed may be present in the area of a proposed action." This requirement applies to projects which are conducted, permitted or licensed by any Federal agency.

A letter from the local office and a species list which fulfills this requirement can be obtained by returning to this project on the IPaC website and requesting an official species list on the Regulatory Documents page.

Mammals

Northern Long-eared Bat *Myotis septentrionalis*

Threatened

CRITICAL HABITAT

No critical habitat has been designated for this species.

<https://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?spcode=A0JE>

Critical Habitats

Potential effects to critical habitat(s) within the project area must be analyzed along with the endangered species themselves.

There is no critical habitat within this project area

Migratory Birds

Birds are protected by the [Migratory Bird Treaty Act](#) and the [Bald and Golden Eagle Protection Act](#).

Any activity which results in the take of migratory birds or eagles is prohibited unless authorized by the U.S. Fish and Wildlife Service ([1](#)). There are no provisions for allowing the take of migratory birds that are unintentionally killed or injured.

You are responsible for complying with the appropriate regulations for the protection of birds as part of this project. This involves analyzing potential impacts and implementing appropriate conservation measures for all project activities.

American Oystercatcher <i>Haematopus palliatus</i>	Bird of conservation concern
Season: Breeding https://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?scode=B0G8	
American Bittern <i>Botaurus lentiginosus</i>	Bird of conservation concern
Season: Breeding https://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?scode=B0F3	
Bald Eagle <i>Haliaeetus leucocephalus</i>	Bird of conservation concern
Year-round https://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?scode=B008	
Black-billed Cuckoo <i>Coccyzus erythrophthalmus</i>	Bird of conservation concern
Season: Breeding https://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?scode=B0H1	
Blue-winged Warbler <i>Vermivora pinus</i>	Bird of conservation concern
Season: Breeding	
Canada Warbler <i>Wilsonia canadensis</i>	Bird of conservation concern
Season: Breeding	
Fox Sparrow <i>Passerella iliaca</i>	Bird of conservation concern
Season: Wintering	
Hudsonian Godwit <i>Limosa haemastica</i>	Bird of conservation concern
Season: Migrating	
Least Bittern <i>Ixobrychus exilis</i>	Bird of conservation concern
Season: Breeding	
Least Tern <i>Sterna antillarum</i>	Bird of conservation concern
Season: Breeding	
Pied-billed Grebe <i>Podilymbus podiceps</i>	Bird of conservation concern
Year-round	
Prairie Warbler <i>Dendroica discolor</i>	Bird of conservation concern
Season: Breeding	
Purple Sandpiper <i>Calidris maritima</i>	Bird of conservation concern
Season: Wintering	
Rusty Blackbird <i>Euphagus carolinus</i>	Bird of conservation concern
Season: Wintering	

Saltmarsh Sparrow *Ammodramus caudacutus*

Season: Breeding

Bird of conservation concern

Seaside Sparrow *Ammodramus maritimus*

Season: Breeding

Bird of conservation concern

Short-eared Owl *Asio flammeus*

Season: Wintering

Bird of conservation concern

<https://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?spcode=B0HD>**Snowy Egret** *Egretta thula*

Season: Breeding

Bird of conservation concern

Upland Sandpiper *Bartramia longicauda*

Season: Breeding

Bird of conservation concern

<https://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?spcode=B0HC>**Wood Thrush** *Hylocichla mustelina*

Season: Breeding

Bird of conservation concern

Worm Eating Warbler *Helmitheros vermivorum*

Season: Breeding

Bird of conservation concern

Refuges

Any activity proposed on [National Wildlife Refuge](#) lands must undergo a 'Compatibility Determination' conducted by the Refuge. If your project overlaps or otherwise impacts a Refuge, please contact that Refuge to discuss the authorization process.

There are no refuges within this project area

Wetlands

Impacts to [NWI wetlands](#) and other aquatic habitats from your project may be subject to regulation under Section 404 of the Clean Water Act, or other State/Federal Statutes.

Project proponents should discuss the relationship of these requirements to their project with the Regulatory Program of the appropriate [U.S. Army Corps of Engineers District](#).

DATA LIMITATIONS

The Service's objective of mapping wetlands and deepwater habitats is to produce reconnaissance level information on the location, type and size of these resources. The maps are prepared from the analysis of high altitude imagery. Wetlands are identified based on vegetation, visible hydrology and geography. A margin of error is inherent in the use of imagery; thus, detailed on-the-ground inspection of any particular site may result in revision of the wetland boundaries or classification established through image analysis.

The accuracy of image interpretation depends on the quality of the imagery, the experience of the image analysts, the amount and quality of the collateral data and the amount of ground truth verification work conducted. Metadata should be consulted to determine the date of the source imagery used and any mapping problems.

Wetlands or other mapped features may have changed since the date of the imagery or field work. There may be occasional differences in polygon boundaries or classifications between the information depicted on the map and the actual conditions on site.

DATA EXCLUSIONS

Certain wetland habitats are excluded from the National mapping program because of the limitations of aerial imagery as the primary data source used to detect wetlands. These habitats include seagrasses or submerged aquatic vegetation that are found in the intertidal and subtidal zones of estuaries and nearshore coastal waters. Some deepwater reef communities (coral or tubercid worm reefs) have also been excluded from the inventory. These habitats, because of their depth, go undetected by aerial imagery.

DATA PRECAUTIONS

Federal, state, and local regulatory agencies with jurisdiction over wetlands may define and describe wetlands in a different manner than that used in this inventory. There is no attempt, in either the design or products of this inventory, to define the limits of proprietary jurisdiction of any Federal, state, or local government or to establish the geographical scope of the regulatory programs of government agencies. Persons intending to engage in activities involving modifications within or adjacent to wetland areas should seek the advice of appropriate federal, state, or local agencies concerning specified agency regulatory programs and proprietary jurisdictions that may affect such activities.

Wetland data is unavailable at this time.