

GENERAL SITE INFORMATION, CHARACTERISTICS, AND STATUS

Project Name	<u>PASSAIC RIVER</u>	ProjectID: 02-20
Last Updated:	08/28/04	
City:	Newark	
County:	Essex	
State:	NJ	
Country:	USA	
Bodies of Water:	Passaic River	
US EPA Region:	II	
Status (Active, Complete, or Monitoring Only):	Active	
Date On NPL:	1984	
ROD/ESD Date:	None	
Operable Unit:	OU-2	
Areas of Concern (length or acres):	The lower six-mile, tidally-influenced reach of the Passaic River, in part adjacent to the Diamond Alkali Superfund Site. The six-mile reach extends from Newark Bay to a location about three miles north of the Diamond Alkali site to the river mouth in Newark Bay.	
Other Characteristics of Water Body:	Not identified	
Contaminants of Concern:	PCBs, PAHs, heavy metals, dioxins	
Source of Contamination:	As described in a September 2003 EPA Region II Fact Sheet: "Many companies have been located on the banks of the Passaic River Study Area over the last one-hundred years. Some of the companies have manufactured, stored, and disposed of the . . . chemicals we now find in sediments of the Passaic River Study Area. One particular contaminant, dioxin, was produced as a by-product of the manufacturing of pest and weed killers by the Diamond Shamrock Chemical Company (now Occidental Chemical Corporation) at the Diamond Alkali Site in the 1950s and 1960s. During that time, contaminated waters were piped from the Diamond Shamrock Chemical Company into the Passaic River."	
Contaminated Area Physical Characteristics:	A designated Study Area, six miles in length; tidally influenced; channel water depths ranging from 13 to 24 feet; freshwater inflow nominal 1,200 cfs; sediments are predominantly fine grained (clay), cohesive, with elevated organic content.	
Type of Regulatory Action:	Superfund.	
Overall Status Summary:	The Diamond Alkali Superfund Site includes the former pesticides manufacturing facility and surrounding properties at 80 and 120 Lister Avenue in Newark, New Jersey, and the adjoining six mile reach of the Passaic River. In 1984, the State and Diamond Shamrock Chemicals Company entered into two Administrative Consent Orders, the first for the investigations and immediate response work at 80 Lister Avenue and the second for investigations and immediate response actions at other properties including 120 Lister Avenue. A Consent Decree was filed in 1989 between Occidental Chemical Corporation (OCC), the State, and EPA requiring OCC to undertake cleanup activities at the site. The U.S. District Court approved the Consent Decree in November 1990. The work was initiated in April 2000 and is currently being conducted under EPA oversight. Chemical Land Holdings, Inc., on behalf of OCC, under an Administrative Order on Consent executed on April 20, 1994, is conducting a Remedial Investigation/Feasibility Study to define the extent of contamination in the Passaic River. A six mile stretch of the Passaic River has	

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been identified as the Study Area. The objectives of the Remedial Investigation are to determine: (1) the spatial distribution and concentration of dioxins, furans, PCBs, PAHs, pesticides and metals, both horizontally and vertically in the Passaic River sediments; (2) the primary human and ecological receptors of contaminated sediments; and (3) the transport mechanisms for contaminated sediment within the Study Area.

Seven separate preliminary sampling programs were conducted in the river during the period 1990-1995, generating analytical data for upwards of 66 surface sediment samples and 166 sediment core samples (Reference P-9). Subsequently, in 1995 and 1997 sampling programs, a total of 540 samples was collected and analyzed from 93 sediment borings (Reference C-814).

The RI field work required under the Administrative Order on Consent is in progress. Sampling programs were conducted in 1999 and 2000. An additional investigation and sampling program for 30 combined sewer overflows (CSOs) has been added to the RI. A reconnaissance and trial run has been implemented. Full scale implementation is pending. Also, planning/coordination is underway with the U.S. Army Corps of Engineers (USACE) regarding their upcoming work on the Lower Passaic River pursuant to the Water Resources Development Act (Reference E-163).

The three components of the Remedial Investigation, which are (1) Sediment Characterization; (2) Human and Ecological Risk Assessment; and (3) Sediment Mobility Study include the following sub-tasks (Reference E-171):

(1) Sediment Characterization:

- chemistry (dioxin/furans, metals, PAHs, DDT, PCBs);
- radiochemical dating; and
- geotechnical.

(2) Human and Ecological Risk Assessment

- screening-level human and ecological risk assessment (with endpoints of interest for “safe” sediment levels for benthic organisms vs. measured; “safe” fish/crab tissue concentrations vs. modeled; and “safe” fish/crab doses to humans vs. modeled;
- fill data gaps (e.g., whole body tissue data for multiple species; spatial sediment toxicity data; exposure areas for ecological receptors; data for bird risk assessment; and influence of CSOs on ecological receptors); and
- ecological sampling plan (includes tissue and sediment chemistry, creel/angler survey, and inputs from CSOs). (The creel/angler survey was a PRP initiative, not approved by EPA.)

(3) Sediment Mobility Study

- physical measurements (such as bathymetry, tides, freshwater inflows, currents, and water properties); and
- numerical modeling.

From these investigations, EPA will issue several reports. The Remedial Investigation Report will identify the locations, movement, and quantity of contaminated sediments in the Passaic

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River Study Area. The Feasibility Study Report will document the examination of cleanup options for the Passaic River Study Area by defining, comparing, and evaluating different cleanup options. The Human and Ecological Risk Assessment Report will identify risks caused by the contaminated sediments to humans, animals, and the ecosystem in the Passaic River Study Area. When the RI/FS and Human and Ecological Risk Assessment Reports have been completed, EPA will propose a plan for the cleanup of contaminated sediments.

No completion dates for these three reports have been determined.

In early 2004, EPA and OCC agreed to conduct an investigation in Newark Bay (into which the Passaic River flows) to characterize contamination in Bay sediment and develop an appropriate cleanup plan. Subsequently, in May 2004, EPA announced that it had reached agreement with 31 companies (including OCC) to provide funding to continue with the RI/FS portion of the Lower Passaic River Restoration Project. The Restoration Project is a collaboration among EPA, USACE, and New Jersey DOT to produce a plan to cleanup and restore the 17-mile tidal stretch of the Passaic River from Dundee Dam to Newark Bay.

A dredging pilot study targeting 5,000 cy in the Passaic River is scheduled for 2005, which will also include technology testing of the dredged sediments (including the Cement-Lock and Bio-Genesis processes).

Remedial Action Planned: ☐

Risk Assessment: ☐

Remedial Action Implemented: ☐

Status of Dredging ☐

PRPs: ☒

Contacts: ☒

References: ☒

Modeling: ☐

Fishing Advisory: ☒

Key Conditions: extended (> 1 mile) river, hydrodynamic modeling, pilot/demonstration test, tidal fluctuations

POTENTIALLY RESPONSIBLE PARTIES

Project Name **PASSAIC RIVER**

ProjectID: 02-20

PRP Name: PRP INFORMATION NOT RELEASED

PRPID:

Street Address:

City:

State:

KEY CONTACTS

Project Name PASSAIC RIVER

ProjectID: 02-20

Last Name: KEY CONTACT INFORMATION NOT RELEASED

Contact ID:

First Name:

Title:

Company:

Address:

City:

State:

Postal Code:

Work Phone # :

Other Phone #:

Fax # :

Email Address:

REFERENCES

Project Name PASSAIC RIVER

ProjectID: 02-20

Reference Type: A

ReferenceID: 398

Title: *National Priority Site Fact Sheet: Diamond Alkali Co.*

Location: AEM

Category: Site Update

Prepared by/Author: US EPA Region II

**Preparer/Author
Address:**

Prepared For: General Public

Date Published: April 1998

**Key Words and
Phrases:**

Reference Type: A

ReferenceID: 610

Title: *Passaic River Study Area (Fact Sheet)*

Location: AEM

Category: Site Update

Prepared by/Author: US EPA Region II

**Preparer/Author
Address:**

Prepared For: General Public

Date Published: February 11, 2002

**Key Words and
Phrases:**

Reference Type: A

ReferenceID: 1037

Title: *Fact Sheet: Passaic River Study Area*

Location: AEM

Category: Site Update

Prepared by/Author: US EPA Region II

**Preparer/Author
Address:**

Prepared For: General Public

Date Published: September 11, 2003

**Key Words and
Phrases:**

REFERENCES

Project Name PASSAIC RIVER

ProjectID: 02-20

Reference Type: A **ReferenceID:** 1045
Title: *Lower Passaic River Task 1 Scope of Work*
Location: AEM
Category: RI/FS
Prepared by/Author: TAMS Consultants, Inc.
Preparer/Author Address:
Prepared For: New Jersey Dept. of Transportation
Office of Maritime Resources
Date Published: July 2, 2003
Key Words and Phrases: environmental dredging demonstration and sediment treatability test

Reference Type: B **ReferenceID:** 671
Title: *Passaic River Study Area Remedial Investigation: A Closeup of EPA's Sampling Approach (Slides)*
Location: AEM
Category: Contaminated Sediments: Investigation/Delineation
Prepared by/Author: US EPA Region II
Preparer/Author Address:
Prepared For: Unknown
Date Published: 2002 circa
Key Words and Phrases:

Reference Type: B **ReferenceID:** 943
Title: *Memo re: Question Re Diamond Shamrock (sic) Superfund Site (Passaic River)*
Location: AEM
Category: Site Update
Prepared by/Author: Sharon Jaffess
Preparer/Author Address: US EPA Region II
Prepared For: AEM, Inc.
Date Published: February 19, 2002
Key Words and Phrases:

REFERENCES

Project Name PASSAIC RIVER

ProjectID: 02-20

Reference Type: C

ReferenceID: 407

Title: *Diamond Alkali contamination confirmed*

Location: AEM

Category: Site Update

Prepared by/Author:

Preparer/Author

Address:

Prepared For: Superfund Week

Date Published: May 31, 1996

**Key Words and
Phrases:**

Reference Type: C

ReferenceID: 418

Title: *EPA Looks Into Updating Containment Remedy for Diamond Alkali Sediments*

Location: AEM

Category: Site Update

Prepared by/Author:

Preparer/Author

Address:

Prepared For: Superfund Week

Date Published: June 26, 1998

**Key Words and
Phrases:**

Reference Type: C

ReferenceID: 419

Title: *EPA Approves \$22 Million Interim Containment at Diamond Alkali*

Location: AEM

Category: Site Update

Prepared by/Author:

Preparer/Author

Address:

Prepared For: Superfund Week

Date Published: August 14, 1998

**Key Words and
Phrases:**

REFERENCES

Project Name PASSAIC RIVER

ProjectID: 02-20

Reference Type: C

ReferenceID: 526

Title: *EPA to study Passaic sediment*

Location: AEM

Category: Site Update

Prepared by/Author:

Preparer/Author

Address:

Prepared For: Superfund Week

Date Published: December 24, 1993

**Key Words and
Phrases:**

Reference Type: C

ReferenceID: 814

Title: *PCBs in Passaic River Sediments: Some Analytical Considerations*

Location: AEM

Category: Analytical Protocol/Issues/QAPP

Prepared by/Author: (1) Brent L. Finley, (2) Paul K. Scott, (3) Chris Kirman

Preparer/Author (1, 2) Exponent

Address: 149 Commonwealth Drive
Menlo Park, CA 94025
(3) ChemRisk
A Service of McLaren / Hart, Inc.
5900 Landerbrook, Suite 100
Cleveland, OH 44124

Prepared For: Soil and Sediment Contamination, 9(3):167-179

Date Published: 2000

**Key Words and
Phrases:**

Reference Type: C

ReferenceID: 815

Title: *Passaic River Set for Corps Study*

Location: AEM

Category: Contaminated Sediments: Management Issues

Prepared by/Author: `

Preparer/Author

Address:

Prepared For: Engineering News-Record (ENR)

Date Published: December 11, 2000

**Key Words and
Phrases:**

REFERENCES

Project Name PASSAIC RIVER

ProjectID: 02-20

Reference Type: C

ReferenceID: 1124

Title: *EPA Reaches Multi-Party Pact on Lower Passaic River Study*

Location: AEM

Category: Site Update

Prepared by/Author:

Preparer/Author

Address:

Prepared For: Hazardous Waste/Superfund Week

Date Published: May 24, 2004

**Key Words and
Phrases:**

Reference Type: C

ReferenceID: 1145

Title: *Occidental Chemical, EPA Perform Study of Contamination at Newark Bay*

Location: AEM

Category: Site Update

Prepared by/Author:

Preparer/Author

Address:

Prepared For: Hazardous Waste/Superfund Week

Date Published: February 23, 2004

**Key Words and
Phrases:**

Reference Type: D

ReferenceID: 63

Title: *Passaic River listed as "endangered"*

Location: AEM

Category: Site Update

Prepared by/Author: Tina Traster

Preparer/Author

Address:

Prepared For: The Hackensack (NJ) Record

Date Published: April 7, 1998

**Key Words and
Phrases:**

REFERENCES

Project Name PASSAIC RIVER

ProjectID: 02-20

Reference Type: D
Title: *The Problem Is Deep, and Its Name Is Mud*
Location: AEM
Category: Contaminated Sediments: Investigation/Delineation
Prepared by/Author: Kirk Johnson
Preparer/Author Address:
Prepared For: The New York (NY) Times
Date Published: June 3, 2002
Key Words and Phrases: Port of New York and New Jersey

ReferenceID: 386

Reference Type: D
Title: *Newark Plant's Dioxin May Have Spread 26 Miles Up Hudson*
Location: AEM
Category: Source Control
Prepared by/Author: Kirk Moore
Preparer/Author Address:
Prepared For: The Gannett (NJ) Journal News
Date Published: December 10, 2003
Key Words and Phrases:

ReferenceID: 502

Reference Type: D
Title: *Occidental Chemical Agrees to Conduct Newark Bay Contamination Investigation*
Location: AEM
Category: RI/FS
Prepared by/Author: US EPA Region II
Preparer/Author Address:
Prepared For: News Release
Date Published: February 13, 2004
Key Words and Phrases:

ReferenceID: 510

REFERENCES

Project Name PASSAIC RIVER

ProjectID: 02-20

Reference Type: D

ReferenceID: 535

Title: *EPA Reaches Important Agreement to Fund Study of Lower Passaic River*

Location: AEM

Category: Site Update

Prepared by/Author: US EPA Region II

**Preparer/Author
Address:**

Prepared For: News Release

Date Published: May 19, 2004

**Key Words and
Phrases:**

Reference Type: D

ReferenceID: 537

Title: *N.J. tells polluters it's time to pay up*

Location: AEM

Category: Site Update

Prepared by/Author: Alexander Lane

**Preparer/Author
Address:**

Prepared For: The Newark (NJ) Star-Ledger

Date Published: September 24, 2003

**Key Words and
Phrases:**

Reference Type: E

ReferenceID: 90

Title: *Dioxin Contamination in Sediments of the Port of New York and New Jersey: The Search for Criteria*

Location: AEM

Category: Contaminated Sediments: Characteristics/Bioavailability

Prepared by/Author: John F. Tavolaro and Joseph Olha

**Preparer/Author
Address:** U.S. Army Corps of Engineers
New York District
26 Federal Plaza
New York, NY 10278-0090

Prepared For: Dredging 1994

Date Published: November 13-16, 1994

**Key Words and
Phrases:**

REFERENCES

Project Name PASSAIC RIVER

ProjectID: 02-20

Reference Type: E

ReferenceID: 163

Title: *Passaic River Restoration Initiative: A New Model for Cleaning Up Our Nation's Contaminated Urban Rivers*

Location: AEM

Category: Contaminated Sediments: Management Issues

Prepared by/Author: Jonathan P. Deason, Ph.D., P.E.

Preparer/Author Address: Environmental and Energy Management Program
The George Washington University
Suite 704, Gelman Library
2120 H Street, N.W.
Washington, D.C. 20052

Prepared For: EPA Forum on Managing Contaminated Sediments at Hazardous Waste Sites
(Alexandria, VA)

Date Published: May 30, 2001

Key Words and Phrases:

Reference Type: E

ReferenceID: 171

Title: *Passaic River - Remedial Investigation/Feasibility Study (one article in Reference E-168)*

Location: AEM

Category: Site Update

Prepared by/Author: David Rabbe

Preparer/Author Address: CLH, Inc. (now Tierra Solutions, Inc.)

Prepared For: BBL Sediment Management Seminar 2002

Date Published: February 7-8, 2002

Key Words and Phrases:

REFERENCES

Project Name PASSAIC RIVER

ProjectID: 02-20

Reference Type: E

ReferenceID: 253

Title: *Lower Passaic River Restoration Feasibility Study*

Location: AEM

Category: Site Update

Prepared by/Author: Lisa Baron

Preparer/Author New Jersey Department of Transportation

Address: Office of Maritime Resources

1035 Parkway Avenue

E & O Building, 1st Floor

P.O. Box 837

Trenton, NJ 08625-0837

Prepared For: Passaic River Symposium, Montclair State University, Montclair, NJ

Date Published: June 9, 2004

**Key Words and
Phrases:**

Reference Type: E

ReferenceID: 254

Title: *Passaic River Symposium "Who's Doing What?"*

Location: AEM

Category: Multiple

Prepared by/Author: Passaic River Institute at Montclair State University and
Office of Maritime Resources/New Jersey Department of Transportation

Preparer/Author

Address:

Prepared For: Attendees

Date Published: June 9, 2004

**Key Words and
Phrases:**

REFERENCES

Project Name PASSAIC RIVER

ProjectID: 02-20

Reference Type: E

ReferenceID: 261

Title: *A New Approach to Cleaning Up Contaminated Urban River Corridors in the United States: The Urban River Restoration Initiative*

Location: AEM

Category: Contaminated Sediments: Overview of Issues

Prepared by/Author: Jonathan P. Deason

**Preparer/Author
Address:**

Prepared For: International Conference on Energy and the Environment, Shanghai, China

Date Published: May 22-24, 2003

**Key Words and
Phrases:**

Reference Type: G

ReferenceID: 66

Title: *A New Approach to Restoring Contaminated Urban Rivers: The Urban River Restoration Initiative*

Location: AEM

Category: Contaminated Sediments: Overview of Issues

Prepared by/Author: Jonathan P. Deason

**Preparer/Author
Address:**

Prepared For: American Association of Port Authorities Harbors, Navigational & Environment Seminar, New Orleans, Louisiana

Date Published: May 13, 2004

**Key Words and
Phrases:**

REFERENCES

Project Name PASSAIC RIVER

ProjectID: 02-20

Reference Type: M

ReferenceID: 399

Title: *Urban River Restoration Initiative - Key to Brownfields
Redevelopment Success in Urban River Corridors*

Location: AEM

Category: Contaminated Sediments: Overview of Issues

Prepared by/Author: Jonathan P. Deason, Ph.D., P.E.

**Preparer/Author
Address:** The George Washington University

Prepared For: Brownfields 2000 Conference

Date Published: 2000

**Key Words and
Phrases:**

Reference Type: M

ReferenceID: 406

Title: *Potential Long-Term Ecological Impacts Caused by Disturbance
of Contaminated Sediments: A Case Study*

Location: AEM

Category: Resuspension

Prepared by/Author: (1) Steave H. Su, (2) Leslie C. Pearlman, (3) Julie A. Rothrock, (4) Timothy J. Iannuzzi, (5) Brent L. Finley

**Preparer/Author
Address:** (1) Exponent
420 Lexington Avenue
New York, NY 10170
(2) Exponent
8201 Corporate Drive
Landover, MD 20785
(3) AMEC Earth and Environmental
239 Littleton Road
Westford, MA 01886
(4) BBL Sciences
326 First Street
Annapolis, MD 21403
(5) Exponent
1970 Broadway
Oakland, CA 94612

Prepared For: Environmental Management Vol. 29, No. 2

Date Published: 2002

**Key Words and
Phrases:**

REFERENCES

Project Name PASSAIC RIVER

ProjectID: 02-20

Reference Type: P

ReferenceID: 9

Title: *Passaic River Sediment Data (listing of available data sets)*

Location: AEM

Category: Contaminated Sediments: Investigation/Delineation

Prepared by/Author: US EPA Region II

**Preparer/Author
Address:**

Prepared For: General Public (<http://www.epa.gov/r02earth/superfnd/sedsamp.htm>)

Date Published: Undated

**Key Words and
Phrases:**

Reference Type: S

ReferenceID: 22

Title: *Administrative Consent Order*

Location: BBL

Category: Legal

Prepared by/Author:

**Preparer/Author
Address:**

Prepared For: Settling Parties

Date Published: March 13, 1984

**Key Words and
Phrases:**

Reference Type: S

ReferenceID: 23

Title: *Administrative Consent Order*

Location: BBL

Category: Legal

Prepared by/Author:

**Preparer/Author
Address:**

Prepared For: Settling Parties

Date Published: December 21, 1994

**Key Words and
Phrases:**

REFERENCES

Project Name PASSAIC RIVER

ProjectID: 02-20

Reference Type: S

ReferenceID: 24

Title: *Consent Decree*

Location: BBL

Category: Legal

Prepared by/Author: US District Court - District of New Jersey

**Preparer/Author
Address:**

Prepared For: Settling Parties

Date Published: November 1990

**Key Words and
Phrases:**

Reference Type: S

ReferenceID: 25

Title: *Administrative Order on Consent*

Location: BBL

Category: Legal

Prepared by/Author: US EPA Region II

**Preparer/Author
Address:**

Prepared For: Settling Parties

Date Published: April 20, 1999

**Key Words and
Phrases:**

Reference Type: S

ReferenceID: 30

Title: *Memorandum of Understanding Between The U.S. Environmental
Protection Agency and The U.S. Department of the Army*

Location: AEM

Category: Legal

Prepared by/Author: US EPA; US Dept. of the Army

**Preparer/Author
Address:**

Prepared For: US EPA; US Dept. of the Army

Date Published: July 2, 2002

**Key Words and
Phrases:**

FISH ADVISORIES

Project Name **PASSAIC RIVER**

ProjectID: 02-20

Advisory: Passaic River

AdvisoryID: 379

Extent: Up to Dundee Dam, including all tributaries

Pollutant: dioxin

Species: bass-striped

Population: CFB

Population Definition: Commercial Fishing Ban: Bans commercial harvest and/or sale due to chemical contamination.

Advisory Type: River

Advisory Number: 2430

Status (Active or Rescinded): Active

Date Rescinded:

Contact Name: Bruce Ruppel

Contact Number: 609-984-6548

Advisory: Passaic River

AdvisoryID: 387

Extent: Up to Dundee Dam, including all tributaries

Pollutant: dioxin

Species: bass-striped

Population: NCGP

Population Definition: No Consumption-General Population: Advise against consumption by the general population.

Advisory Type: River

Advisory Number: 2430

Status (Active or Rescinded): Active

Date Rescinded:

Contact Name: Bruce Ruppel

Contact Number: 609-984-6548

Advisory: Passaic River

AdvisoryID: 385

Extent: Up to Dundee Dam, including all tributaries

Pollutant: dioxin

Species: bass-striped

Population: NCSP

Population Definition: No Consumption-Subpopulation(s): Advises against consumption for populations that are potentially at greater risk, e.g., pregnant or nursing women, and small children.

Advisory Type: River

Advisory Number: 2430

Status (Active or Rescinded): Active

Date Rescinded:

Contact Name: Bruce Ruppel

Contact Number: 609-984-6548

FISH ADVISORIES

Project Name **PASSAIC RIVER**

ProjectID: 02-20

<i>Advisory:</i>	Passaic River	<i>AdvisoryID:</i> 384
<i>Extent:</i>	Up to Dundee Dam, including all tributaries	
<i>Pollutant:</i>	dioxin	
<i>Species:</i>	bluefish	
<i>Population:</i>	NCSP	
<i>Population Definition:</i>	No Consumption-Subpopulation(s): Advises against consumption for populations that are potentially at greater risk, e.g., pregnant or nursing women, and small children.	
<i>Advisory Type:</i>	River	<i>Advisory Number:</i> 2430
<i>Status (Active or Rescinded):</i>	Active	<i>Date Rescinded:</i>
<i>Contact Name:</i>	Bruce Ruppel	<i>Contact Number:</i> 609-984-6548
<hr/>		
<i>Advisory:</i>	Passaic River	<i>AdvisoryID:</i> 383
<i>Extent:</i>	Up to Dundee Dam, including all tributaries	
<i>Pollutant:</i>	dioxin	
<i>Species:</i>	bluefish	
<i>Population:</i>	RGP	
<i>Population Definition:</i>	Restricted Consumption-General Population: Advises the general population to restrict the size of the organisms and/or the frequency of meals consumed.	
<i>Advisory Type:</i>	River	<i>Advisory Number:</i> 2430
<i>Status (Active or Rescinded):</i>	Active	<i>Date Rescinded:</i>
<i>Contact Name:</i>	Bruce Ruppel	<i>Contact Number:</i> 609-984-6548
<hr/>		
<i>Advisory:</i>	Passaic River	<i>AdvisoryID:</i> 382
<i>Extent:</i>	Up to Dundee Dam, including all tributaries	
<i>Pollutant:</i>	dioxin	
<i>Species:</i>	catfish-white	
<i>Population:</i>	NCSP	
<i>Population Definition:</i>	No Consumption-Subpopulation(s): Advises against consumption for populations that are potentially at greater risk, e.g., pregnant or nursing women, and small children.	
<i>Advisory Type:</i>	River	<i>Advisory Number:</i> 2430
<i>Status (Active or Rescinded):</i>	Active	<i>Date Rescinded:</i>
<i>Contact Name:</i>	Bruce Ruppel	<i>Contact Number:</i> 609-984-6548

FISH ADVISORIES

Project Name **PASSAIC RIVER**

ProjectID: 02-20

Advisory: Passaic River

AdvisoryID: 381

Extent: Up to Dundee Dam, including all tributaries

Pollutant: dioxin

Species: catfish-white

Population: RGP

Population Definition: Restricted Consumption-General Population: Advises the general population to restrict the size of the organisms and/or the frequency of meals consumed.

Advisory Type: River

Advisory Number: 2430

Status (Active or Rescinded): Active

Date Rescinded:

Contact Name: Bruce Ruppel

Contact Number: 609-984-6548

Advisory: Passaic River

AdvisoryID: 386

Extent: Up to Dundee Dam, including all tributaries

Pollutant: dioxin

Species: eel-american

Population: CFB

Population Definition: Commercial Fishing Ban: Bans commercial harvest and/or sale due to chemical contamination.

Advisory Type: River

Advisory Number: 2430

Status (Active or Rescinded): Active

Date Rescinded:

Contact Name: Bruce Ruppel

Contact Number: 609-984-6548

Advisory: Passaic River

AdvisoryID: 388

Extent: Up to Dundee Dam, including all tributaries

Pollutant: dioxin

Species: perch-white

Population: NCSP

Population Definition: No Consumption-Subpopulation(s): Advises against consumption for populations that are potentially at greater risk, e.g., pregnant or nursing women, and small children.

Advisory Type: River

Advisory Number: 2430

Status (Active or Rescinded): Active

Date Rescinded:

Contact Name: Bruce Ruppel

Contact Number: 609-984-6548

FISH ADVISORIES

Project Name **PASSAIC RIVER**

ProjectID: 02-20

Advisory: Passaic River

AdvisoryID: 397

Extent: Up to Dundee Dam, including all tributaries

Pollutant: dioxin

Species: perch-white

Population: RGP

Population Definition: Restricted Consumption-General Population: Advises the general population to restrict the size of the organisms and/or the frequency of meals consumed.

Advisory Type: River

Advisory Number: 2430

Status (Active or Rescinded): Active

Date Rescinded:

Contact Name: Bruce Ruppel

Contact Number: 609-984-6548

Advisory: Passaic River

AdvisoryID: 399

Extent: Up to Dundee Dam, including all tributaries

Pollutant: dioxin

Species: shellfish-crab-blue

Population: CFB

Population Definition: Commercial Fishing Ban: Bans commercial harvest and/or sale due to chemical contamination.

Advisory Type: River

Advisory Number: 2430

Status (Active or Rescinded): Active

Date Rescinded:

Contact Name: Bruce Ruppel

Contact Number: 609-984-6548

Advisory: Passaic River

AdvisoryID: 390

Extent: Up to Dundee Dam, including all tributaries

Pollutant: dioxin

Species: shellfish-crab-blue

Population: NCGP

Population Definition: No Consumption-General Population: Advise against consumption by the general population.

Advisory Type: River

Advisory Number: 2430

Status (Active or Rescinded): Active

Date Rescinded:

Contact Name: Bruce Ruppel

Contact Number: 609-984-6548

FISH ADVISORIES

Project Name **PASSAIC RIVER**

ProjectID: 02-20

<i>Advisory:</i>	Passaic River	<i>AdvisoryID:</i> 389
<i>Extent:</i>	Up to Dundee Dam, including all tributaries	
<i>Pollutant:</i>	dioxin	
<i>Species:</i>	shellfish-crab-blue	
<i>Population:</i>	NCSP	
<i>Population Definition:</i>	No Consumption-Subpopulation(s): Advises against consumption for populations that are potentially at greater risk, e.g., pregnant or nursing women, and small children.	
<i>Advisory Type:</i>	River	<i>Advisory Number:</i> 2430
<i>Status (Active or Rescinded):</i>	Active	<i>Date Rescinded:</i>
<i>Contact Name:</i>	Bruce Ruppel	<i>Contact Number:</i> 609-984-6548
<i>Advisory:</i>	Passaic River	<i>AdvisoryID:</i> 404
<i>Extent:</i>	Up to Dundee Dam, including all tributaries	
<i>Pollutant:</i>	PCBs (total)	
<i>Species:</i>	bass-striped	
<i>Population:</i>	CFB	
<i>Population Definition:</i>	Commercial Fishing Ban: Bans commercial harvest and/or sale due to chemical contamination.	
<i>Advisory Type:</i>	River	<i>Advisory Number:</i> 2430
<i>Status (Active or Rescinded):</i>	Active	<i>Date Rescinded:</i>
<i>Contact Name:</i>	Bruce Ruppel	<i>Contact Number:</i> 609-984-6548
<i>Advisory:</i>	Passaic River	<i>AdvisoryID:</i> 405
<i>Extent:</i>	Up to Dundee Dam, including all tributaries	
<i>Pollutant:</i>	PCBs (total)	
<i>Species:</i>	bass-striped	
<i>Population:</i>	NCGP	
<i>Population Definition:</i>	No Consumption-General Population: Advise against consumption by the general population.	
<i>Advisory Type:</i>	River	<i>Advisory Number:</i> 2430
<i>Status (Active or Rescinded):</i>	Active	<i>Date Rescinded:</i>
<i>Contact Name:</i>	Bruce Ruppel	<i>Contact Number:</i> 609-984-6548

FISH ADVISORIES

Project Name **PASSAIC RIVER**

ProjectID: 02-20

<i>Advisory:</i>	Passaic River	<i>AdvisoryID:</i> 392
<i>Extent:</i>	Up to Dundee Dam, including all tributaries	
<i>Pollutant:</i>	PCBs (total)	
<i>Species:</i>	bass-striped	
<i>Population:</i>	NCSP	
<i>Population Definition:</i>	No Consumption-Subpopulation(s): Advises against consumption for populations that are potentially at greater risk, e.g., pregnant or nursing women, and small children.	
<i>Advisory Type:</i>	River	<i>Advisory Number:</i> 2430
<i>Status (Active or Rescinded):</i>	Active	<i>Date Rescinded:</i>
<i>Contact Name:</i>	Bruce Ruppel	<i>Contact Number:</i> 609-984-6548
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<i>Advisory:</i>	Passaic River	<i>AdvisoryID:</i> 398
<i>Extent:</i>	Up to Dundee Dam, including all tributaries	
<i>Pollutant:</i>	PCBs (total)	
<i>Species:</i>	bluefish	
<i>Population:</i>	NCSP	
<i>Population Definition:</i>	No Consumption-Subpopulation(s): Advises against consumption for populations that are potentially at greater risk, e.g., pregnant or nursing women, and small children.	
<i>Advisory Type:</i>	River	<i>Advisory Number:</i> 2430
<i>Status (Active or Rescinded):</i>	Active	<i>Date Rescinded:</i>
<i>Contact Name:</i>	Bruce Ruppel	<i>Contact Number:</i> 609-984-6548
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<i>Advisory:</i>	Passaic River	<i>AdvisoryID:</i> 391
<i>Extent:</i>	Up to Dundee Dam, including all tributaries	
<i>Pollutant:</i>	PCBs (total)	
<i>Species:</i>	bluefish	
<i>Population:</i>	RGP	
<i>Population Definition:</i>	Restricted Consumption-General Population: Advises the general population to restrict the size of the organisms and/or the frequency of meals consumed.	
<i>Advisory Type:</i>	River	<i>Advisory Number:</i> 2430
<i>Status (Active or Rescinded):</i>	Active	<i>Date Rescinded:</i>
<i>Contact Name:</i>	Bruce Ruppel	<i>Contact Number:</i> 609-984-6548

FISH ADVISORIES

Project Name **PASSAIC RIVER**

ProjectID: 02-20

<i>Advisory:</i>	Passaic River	<i>AdvisoryID:</i> 396
<i>Extent:</i>	Up to Dundee Dam, including all tributaries	
<i>Pollutant:</i>	PCBs (total)	
<i>Species:</i>	catfish-white	
<i>Population:</i>	NCSP	
<i>Population Definition:</i>	No Consumption-Subpopulation(s): Advises against consumption for populations that are potentially at greater risk, e.g., pregnant or nursing women, and small children.	
<i>Advisory Type:</i>	River	<i>Advisory Number:</i> 2430
<i>Status (Active or Rescinded):</i>	Active	<i>Date Rescinded:</i>
<i>Contact Name:</i>	Bruce Ruppel	<i>Contact Number:</i> 609-984-6548
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<i>Advisory:</i>	Passaic River	<i>AdvisoryID:</i> 394
<i>Extent:</i>	Up to Dundee Dam, including all tributaries	
<i>Pollutant:</i>	PCBs (total)	
<i>Species:</i>	catfish-white	
<i>Population:</i>	RGP	
<i>Population Definition:</i>	Restricted Consumption-General Population: Advises the general population to restrict the size of the organisms and/or the frequency of meals consumed.	
<i>Advisory Type:</i>	River	<i>Advisory Number:</i> 2430
<i>Status (Active or Rescinded):</i>	Active	<i>Date Rescinded:</i>
<i>Contact Name:</i>	Bruce Ruppel	<i>Contact Number:</i> 609-984-6548
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<i>Advisory:</i>	Passaic River	<i>AdvisoryID:</i> 403
<i>Extent:</i>	Up to Dundee Dam, including all tributaries	
<i>Pollutant:</i>	PCBs (total)	
<i>Species:</i>	eel-american	
<i>Population:</i>	CFB	
<i>Population Definition:</i>	Commercial Fishing Ban: Bans commercial harvest and/or sale due to chemical contamination.	
<i>Advisory Type:</i>	River	<i>Advisory Number:</i> 2430
<i>Status (Active or Rescinded):</i>	Active	<i>Date Rescinded:</i>
<i>Contact Name:</i>	Bruce Ruppel	<i>Contact Number:</i> 609-984-6548

FISH ADVISORIES

Project Name **PASSAIC RIVER**

ProjectID: 02-20

<i>Advisory:</i>	Passaic River	<i>AdvisoryID:</i> 380
<i>Extent:</i>	Up to Dundee Dam, including all tributaries	
<i>Pollutant:</i>	PCBs (total)	
<i>Species:</i>	perch-white	
<i>Population:</i>	NCSP	
<i>Population Definition:</i>	No Consumption-Subpopulation(s): Advises against consumption for populations that are potentially at greater risk, e.g., pregnant or nursing women, and small children.	
<i>Advisory Type:</i>	River	<i>Advisory Number:</i> 2430
<i>Status (Active or Rescinded):</i>	Active	<i>Date Rescinded:</i>
<i>Contact Name:</i>	Bruce Ruppel	<i>Contact Number:</i> 609-984-6548
<i>Advisory:</i>	Passaic River	<i>AdvisoryID:</i> 393
<i>Extent:</i>	Up to Dundee Dam, including all tributaries	
<i>Pollutant:</i>	PCBs (total)	
<i>Species:</i>	perch-white	
<i>Population:</i>	RGP	
<i>Population Definition:</i>	Restricted Consumption-General Population: Advises the general population to restrict the size of the organisms and/or the frequency of meals consumed.	
<i>Advisory Type:</i>	River	<i>Advisory Number:</i> 2430
<i>Status (Active or Rescinded):</i>	Active	<i>Date Rescinded:</i>
<i>Contact Name:</i>	Bruce Ruppel	<i>Contact Number:</i> 609-984-6548
<i>Advisory:</i>	Passaic River	<i>AdvisoryID:</i> 402
<i>Extent:</i>	Up to Dundee Dam, including all tributaries	
<i>Pollutant:</i>	PCBs (total)	
<i>Species:</i>	shellfish-crab-blue	
<i>Population:</i>	CFB	
<i>Population Definition:</i>	Commercial Fishing Ban: Bans commercial harvest and/or sale due to chemical contamination.	
<i>Advisory Type:</i>	River	<i>Advisory Number:</i> 2430
<i>Status (Active or Rescinded):</i>	Active	<i>Date Rescinded:</i>
<i>Contact Name:</i>	Bruce Ruppel	<i>Contact Number:</i> 609-984-6548

FISH ADVISORIES

Project Name **PASSAIC RIVER**

ProjectID: 02-20

Advisory: Passaic River

AdvisoryID: 401

Extent: Up to Dundee Dam, including all tributaries

Pollutant: PCBs (total)

Species: shellfish-crab-blue

Population: NCGP

Population Definition: No Consumption-General Population: Advise against consumption by the general population.

Advisory Type: River

Advisory Number: 2430

Status (Active or Rescinded): Active

Date Rescinded:

Contact Name: Bruce Ruppel

Contact Number: 609-984-6548

Advisory: Passaic River

AdvisoryID: 400

Extent: Up to Dundee Dam, including all tributaries

Pollutant: PCBs (total)

Species: shellfish-crab-blue

Population: NCSP

Population Definition: No Consumption-Subpopulation(s): Advises against consumption for populations that are potentially at greater risk, e.g., pregnant or nursing women, and small children.

Advisory Type: River

Advisory Number: 2430

Status (Active or Rescinded): Active

Date Rescinded:

Contact Name: Bruce Ruppel

Contact Number: 609-984-6548
