



OHIO VOLUNTARY ACTION PROGRAM

**ANNUAL REPORT
TO THE
OHIO LEGISLATURE**

JULY 1998 - JUNE 1999

Ohio Environmental Protection Agency

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1999 Voluntary Action Program Annual Report to the Legislature Introduction

Ohio's Voluntary Action Program was created in September 1994 and with the promulgation of rules, became fully implemented in early 1997. The program was created to allow companies to investigate possible environmental contamination, clean it up if necessary and receive a promise from the State of Ohio that no more cleanup is needed. Prior to the creation of this new program, valuable land sat idle because fears of immense liability and cleanup costs scared off potential developers, businesses and banks. Some developers had abandoned plans to clean up their contaminated properties because Ohio EPA, which must focus its efforts on the worst sites, could not make those properties a priority. By creating this program, Ohio recognized the need to remove the environmental and legal barriers that stalled redevelopment and reuse of contaminated properties.

With this program, anyone can undertake a cleanup project and be assured it meets environmental standards without direct oversight from Ohio EPA. This program minimizes governmental red-tape and maximizes resources and expertise in the private sector. If someone wants to clean up a piece of property, it may be done following specific standards designed by Ohio EPA. If done according to these standards, the company can ask for Ohio EPA to release the owner from the responsibility to do further investigation and cleanup.

The program is getting sites cleaned up. Since the program was fully implemented, more than 120 sites have been cleaned up to meet VAP standards and have received a No Further Action (NFA) Letter. Ninety of those sites have received a liability release, or covenant not to sue, from the State of Ohio. You can read about some of these cleanups in this report. However, there is always room for improvement. In January 1999, the program began using a streamlined format requirement for all NFA Letters. The use of this format has dramatically reduced the time it takes to review NFAs and make decisions about whether or not to issue a covenant not to sue. In addition to allowing review of more NFAs, the shortened review times for the new NFA Letters are becoming commensurate with the program fees.

In addition to the streamlined NFA Letter reviews, other improvements to the program have been implemented over the past year. Training for certified professionals (the environmental professionals certified by our Agency to conduct investigations and cleanups) has been stepped up. In addition to the annual certified professional training course, informal half-day training sessions or "coffees" were added to provide the professionals with valuable technical and administrative program updates.

In another effort to improve the program, market research was conducted to evaluate what Ohio stakeholders think of the program, what's working and what should be changed. The Agency is using the results of this study to make recommendations regarding administrative improvements, rule changes and statutory changes. Some of the suggested improvements, such as providing certified professionals

with periodically updated technical guidance documents and providing training sessions for certified laboratories, are already being implemented by the VAP.

The remainder of this report provides an update of the program up to September 1999. Please contact the Ohio EPA Voluntary Action Program at (614) 644-2924 if you have any questions.

Properties Receive Covenants Not to Sue

During SFY99, 19 covenants not to sue (CNS) were issued and two were denied. The following are some examples of the sites that were issued a CNS.

Dynacraft Golf Products, Inc.

Dynacraft Golf Products, Inc., received a covenant not to sue for the property located at 71 Maholm Street in Newark, Licking County. Investigations at the property revealed shallow ground water beneath the property had been contaminated by operations at an adjacent property. No other sources of environmental contamination were identified on the site. Dynacraft implemented an agreement with Ohio EPA to prevent exposure to the contaminated ground water on the property. The agreement prohibits the use of shallow ground water beneath the property for purposes other than remedial investigation and requires submitting the results of annual ground water inspections to Ohio EPA. Dynacraft Golf Products, Inc. fabricates and distributes hand-made golf clubs. The company is located on eight acres in a light industrial and residential area.

Former Conrail Property

National City Bank received a covenant not to sue for the former Conrail property located at the rear west portion of 4100 West 105th Street, Cleveland, Cuyahoga county. The property was formerly part of the Conrail railroad tracks. The property meets commercial and industrial standards and a deed restriction limits the property to industrial and commercial uses only. The property is being used as a parking lot for National City Bank employees.

Former Dow Chemical Company Site

The former Dow Chemical Company site, located at 1400 Norton Road, Columbus, Franklin County, received a covenant not to sue. The property is located on approximately seven acres in a light industrial and residential area. It is owned by Shultz, Snyder & Steele Lumber Company, which operates a commercial lumber business at the site. Soil at the property was determined to meet commercial and industrial use standards. Investigations at the property revealed that ground water beneath the property in the uppermost aquifer had been contaminated by methylene chloride, a cleaning solvent. Ground water is not being used on the property and a deed restriction was implemented to prevent exposures to the contaminated ground water. The deed restriction prohibits the use of the uppermost aquifer beneath the property for purposes other than investigation and remediation and restricts the use of the property to commercial or industrial uses. Ohio EPA will inspect the property periodically to ensure the protective provisions incorporated into the deed restriction are being maintained.

Cleveland Hopkins Airport Area Properties

The City of Cleveland received covenants not to sue for three properties located in the area of the Cleveland Hopkins Airport expansion, Cuyahoga County. The properties will transfer to the City of Brookpark as part of the airport expansion project. One of the properties is approximately 14.3 acres and is located west of the intersection of Ruple Parkway and Grayton Road. Another property consists of approximately 14.6 acres and is located southeast of the intersection of Old Grayton Road and IX Center Drive. The other property, consisting of approximately 9.9 acres, is located along Ruple Parkway at the intersection of Spafford Road. All three of the properties meet residential standards.

Custom Cartons, Inc.

A covenant not to sue was issued for the Custom Cartons, Inc. site, located in the Newark Industrial Park at 717 Neil Drive, Hebron, Licking County. The property is currently used for the manufacture of corrugated and cardboard boxes. A previous tenant of the building manufactured hand saws and wood working tools. This previous tenant was a large quantity generator of hazardous waste. As part of the environmental investigations at the site, Custom Cartons, Inc. completed closure of the hazardous waste storage pad used by the previous manufacturer. A release of hazardous substances or petroleum resulting from other operations of this tenant was suspected. An investigation of the soil and ground water was completed near former storage pads, a storm drain underlying the storage area, and the drainage channel from the plating operations to the former wastewater treatment building. Sample results demonstrated the concentrations of chemicals found on the property met the standards for residential direct contact. A thin water-producing zone 15 feet below the ground was also determined to meet VAP standards. No remedial action was completed at the property and no engineered or institutional controls were required.

Files related to any of these sites can be viewed at Ohio EPA's Central Office in Columbus by calling Gerri Cauley at (614) 644-2924.

COVENANTS NOT TO SUE ISSUED DURING SFY99			
Site Name	Site Address	Volunteer	Date CNS Issued/ Denied
Conrail	Rear of 4100 W. 150 St., Cleveland - Cuyahoga County	National City Bank Cleveland, OH	Issued 01/06/99
Chevron - York Street Parcel	1200 York St., Oregon - Lucas County	Chevron, USA, Inc. Toledo, OH	Issued 12/03/98
City of Cleveland/City of Brookpark	Cleveland Hopkins International Airport Cuyahoga County	City of Cleveland, OH City of Brookpark, OH	Issued 02/08/99
City of Cleveland/City of Brookpark	Cleveland Hopkins International Airport Cuyahoga County	City of Cleveland, OH City of Brookpark, OH	Issued 02/05/99
City of Cleveland/City of Brookpark	Cleveland Hopkins International Airport Cuyahoga County	City of Cleveland, OH City of Brookpark, OH	Issued 02/05/99
City of Cleveland/City of Brookpark	Cleveland Hopkins International Airport Cuyahoga County	City of Cleveland, OH City of Brookpark, OH	Issued 01/26/99
City of Cleveland/City of Brookpark	Cleveland Hopkins International Airport Cuyahoga County	City of Cleveland, OH City of Brookpark, OH	Issued 03/08/99
Collinwood Railroad Yard - Jergens	15800 S. Waterloo Rd., Cleveland - Cuyahoga County	Collinwood Properties Co., LLC Mentor, OH	Issued 08/04/98
Crabar Business Systems Facility	68 Vine St., Leipsic - Putnam County	Millennium Holdings, Inc. Hunt Valley, MD Shade/Allied, Inc. DePere, WI	Issued 10/01/98
Custom Cartons, Inc.	717 O'Neil Dr., Hebron - Licking County	Don & Betty Gastineau Granville, OH	Issued 02/08/99
Doherty Road Site	Doherty Rd., Columbus - Franklin County	Dominion Homes, Inc. Dublin, OH	Issued 09/25/98
Dow Chemical Company	1400 Norton Rd., Columbus - Franklin County	Dow Chemical Company Midland, MI	Issued 01/06/99
Dynacraft Golf Products	71 Mahom St., Newark - Licking County	Dynacraft Real Estate Holdings, Inc. Newark, OH	Issued 11/19/98
Lowe's Northern Parcel	South of Northcliff Avenue Brooklyn - Cuyahoga County	Lowe's Companies, Inc. Wilksboro, NC	Issued 06/02/99

COVENANTS NOT TO SUE ISSUED DURING SFY99			
Site Name	Site Address	Volunteer	Date CNS Issued/ Denied
McKinley Avenue Property	1861-1867 McKinley Avenue Columbus - Franklin County	Seitz, Owings & Delora, Inc. of Indiana Indianapolis, IN	Issued 06/30/99
Mosler Inc., Plant No. 1	1561 Grand Blvd., Hamilton - Butler County	3-D Warehousing & Distributing Hamilton, OH	Issued 11/18/99
NOVA Chemicals	1122 Jacoby Rd., Copley - Summit County	Nova Chemicals, Inc. Pittsburgh, PA	Denied 04/22/99
Rite Aid Property	S. James & E. Livingston Ave., Columbus - Franklin County	Rite Aid of Ohio, Inc. Camp Hill, PA	Issued 06/10/99
Stark County Garage	230 Smyth Ave., N.E. Alliance - Stark County	Stark County Commissioners Canton, OH	Issued 11/19/98
Swan Dry Cleaners, Former	Worthington Mall 150 Wilson Bridge Rd., Worthington - Franklin County	Allegis Realty Investors Hartford, CT	Issued 07/12/98
Universal Cooperatives, Inc., Lube Plant	723 Steiner Ave., Kenton - Hardin County	Universal Cooperatives, Inc. Minneapolis, MN	Denied 08/24/98

Summary of Urban Setting Designations Received

When developing the VAP regulations, Ohio EPA recognized that many brownfield properties are located in highly urbanized areas which rely on community water systems to supply residents with safe drinking water. In those areas, ground water that contains chemicals from prior industrial/commercial activities poses no appreciable risk to the community because the ground water is not being used and will not be used for drinking water purposes in the foreseeable future. In these situations, an Urban Setting Designation (USD) may be appropriate. A USD recognizes that cleaning up the ground water to drinking water standards is not necessary because no one will be drinking the ground water. Other possible exposures to contaminated ground water (such as exposures to wildlife or streams in the area) still must be addressed even when a USD is granted for an area.

USDs can be granted only by the Ohio EPA director. A written submittal to the director requesting a USD must be made by a certified professional. The request must successfully demonstrate the property (or properties) meets all the criteria of a USD as specified in Ohio Administrative Code(OAC) rule 3745-300-10 (D) before such a designation can be granted. All USD requests must be submitted and approved by the director prior to completion of an NFA Letter which relies upon a USD for applicable ground water standards for a property. The following table summarizes the Urban Setting Designations submitted to the Voluntary Action Program during the past year.

Urban Setting Designation Name	City	Date Received	Total Acres in USD	Issued/ Pending/ Denied	Date Issued
Van Leer Containers, Inc.	Cleveland	01-29-98	2.5	Withdrawn*	N/A
Pen West	Columbus	04-30-99	152	Pending	Pending
City of Cleveland - Inner West Side Area	Cleveland	08-17-98	559	Issued	05-06-99
City of Cleveland - West Area	Cleveland	08-17-98	1773	Issued	05-06-99
City of Cleveland - Inner East Side Area	Cleveland	08-17-98	3645	Issued	05-05-99
City of Cleveland - Southeast Area	Cleveland	08-17-98	421	Issued	05-05-99
City of Cleveland - Industrial Valley Area	Cleveland	08-17-98	3619	Issued	05-06-99
City of Cleveland - Northeast Area	Cleveland	08-18-98	1475	Issued	05-06-99
Church Square Property	Cleveland	08-31-98	-	Issued	01-22-99

* Van Leer USD is included within the City of Cleveland - Industrial Valley USD.

Urban Setting Designations Approved for several areas around Ohio

During the past state fiscal year, Ohio EPA approved Urban Setting Designations in Columbus, Akron, Toledo/Oregon and Cleveland. An Urban Setting Designation (USD) may be requested for a property or properties participating in the VAP when there is no current or anticipated future use of the ground water by local residents for drinking, showering, bathing or cooking. In these areas, an approved USD would lower the cost of cleanup and promote economic redevelopment while still protecting public health and safety.

The Ohio EPA director makes a decision on a USD based on a demonstration by the applicant that a thorough evaluation of existing and potential future uses of ground water in the area has been conducted. Now that Ohio EPA has approved these USDs, cleanup requirements for the areas can be determined. Once the properties that have received the USDs are properly cleaned up, the owners can request covenants not to sue. These covenants would release the owners from state civil liability associated with the cleanups.

Columbus

A USD request submitted by the City of Columbus and Pizzuti Development, Inc. for 24 acres within Columbus' central business district east of State Route 315 and on both sides of Interstate 70 along the southern boundary of the Scioto River was approved. The area includes the Miranova property and surrounding land (8.4 acres), the Atwell property (1.1 acres), the Harsco property, formerly Capitol Manufacturing (7.8 acres) and land owned by the City of Columbus (7.5 acres). These properties were mainly used for industrial purposes. A current project is being undertaken at the Miranova property and surrounding land for a mixed-use residential, office and retail community.

Akron

A USD request submitted by the City of Akron and BF Goodrich for 454 acres located in the Akron Opportunity Park area was approved. The area includes: the former BF Goodrich Adhesive Systems Division and World Headquarters properties, Canal Place, Akron Hardware and Supply, the AES Campus and Tell Companies Development, Sovereign Engineered Adhesives and the former Conrail property. Opportunity Park is bordered by West Exchange Street to the north, Thornton Street to the south, the Conrail yard to the east, and the Innerbelt to the west.

Toledo/Oregon

A USD request submitted by the Toledo-Lucas County Port Authority for areas located in the cities of Toledo and Oregon was also recently approved. The areas receiving the USD consist of 5,014 acres in Toledo and 1,343 acres in Oregon.

Cleveland

A USD request submitted by the City of Cleveland was granted for six areas of the city. The six designations address 11,410 acres of commercial and industrial property, containing more than 14,000 parcels of land.

The six urban setting designations are:

1. Industrial Valley Area--3,616 acres extending west just south of Edgewater Park to Lane Avenue, extending south to the Newburgh Heights/Cuyahoga Heights city boundaries, extending east to the Cleveland Municipal Stadium area;
2. Southeast Area--385 acres extending along the south side of Miles Road and along the Conrail Rail Road Line from East 123rd Street to the Warrensville Heights city limits and extending south to include the Johnston Parkway area to the City of Garfield Heights boundary;
3. Northwest Area--1,474 acres extending along the Conrail Rail Lines from Eddy Road and East 152nd Street to the Euclid city limits;
4. Inner East Side Area--3,659 acres located along the Conrail Rail Line in the northern portion of the property from East 9th Street to East 79th Street. The area runs south to Harvard Avenue;
5. Inner west Side Area--559 acres extending along the Conrail Rail Road Line from the Fulton Road intersection south to the West 105th Street intersection. The area runs along the eastern and southern borders of the City of Brooklyn limits; and
6. West Area--1,717 acres extending along the Conrail Rail Road Line from the northwest Detroit Avenue area to the southwest area bordering the cities of Brookpark and Parma. The area includes an industrial parkway along the northern side of I-480.

As properties within these six areas are remediated, each one would be considered individually if a liability release is requested.

Files relating to these urban setting designations are available for review at Ohio EPA's Northeast District Office by contacting Lilly Aaron at (330) 963-1129, or at the Ohio EPA Central Office by calling Miles Davidson at (614) 644-2924.

1998 No Further Action Letter Audits

Ohio EPA audits at least 25 percent of all No Further Action (NFA) letters submitted to the Voluntary Action Program. These audits can be limited to a review and analysis of the documents pertaining to the NFA letter to determine compliance with program requirements (Tier I Audit), or be expanded to include sampling and analysis of soils, surface water, air, sediments or ground water (Tier II Audit). Audits are conducted to determine if, after completion of the remedial activities, the properties meet applicable standards. Audits are also conducted to ensure that certified professionals and certified laboratories that performed work in support of the NFAs possess the qualifications necessary to perform work under the VAP and their work results in NFAs that are consistent with applicable standards.

OAC 3745-300-14 describes the procedures for selecting and conducting audits of NFA letters. The rule establishes three "pools" of NFA letters for the purpose of prioritizing their selection for audits. These are the mandatory, priority and random audit pools. The *mandatory audit pool* includes NFA letters meeting one of six criteria that provide reason to believe the NFA letter was issued fraudulently or that performance of the Certified Professional who issued the NFA letter or the Certified Laboratory that performed analyses in support of the NFA letter was inadequate. The *priority audit pool* includes NFA letters that included a risk assessment or employed an engineering control or institutional control as a remedial activity. The *random audit pool* includes all other NFA letters and all NFA letters from the priority audit pool that are not selected during the initial random selection as described below. Properties were selected according to criteria and procedures described in OAC3745-300-14.

In addition to auditing all NFA letters in the mandatory audit pool, OAC 3745-300-14 requires Ohio EPA to conduct audits of at least 25 percent of NFA letters for properties where remedial activities occurred and 25 percent of those where no remedial activities occurred. Initial selections are made through a random selection of 25 percent of those NFA letters in the priority audit pool. Additional selections are made from the random audit pool to meet the required 25 percent quota for NFA letters where remedial activities occurred and where no remedial activities occurred.

During 1998, the VAP audited five properties for which No Further Action Letters had been issued and submitted to Ohio EPA during the previous year. The table below summarizes the properties audited, the name of the volunteer for each property and the basis for selecting the property for audit.

The following is a brief summary of findings for these audits:

- ◆ **Former Swan Dry Cleaners:** The initial NFA letter for this site was issued on March 3, 1997, and was noted to be deficient. The request for a covenant not to sue (CNS) was subsequently withdrawn and resubmitted after technical assistance had been obtained from Ohio EPA. A CNS for this property was issued on July 17, 1998. A Tier I audit of the resubmitted NFA letter showed that the property meets the applicable standards for residential land use. The audit findings show that by issuing the initial NFA letter which did not contain the minimum elements required within an NFA letter, the Certified Professional (CP) failed to uphold the standards of conduct as required by the VAP rules. The Certified Laboratory (CL) filtered ground water samples prior to their analysis for VOCs., which is not consistent with the laboratories' approved standard operating procedures under the final VAP rules. The audit team recommends that no Tier II audit of the site be conducted. However, a copy of these audit findings will be placed in the VAP file of the CP for reference should he reapply for certification. The CL will be notified

that filtration of ground water samples prior to VOC analysis is not approved by Ohio EPA.

- ◆ **Proposed Toledo Prison Site:** Two NFA letters have been issued for this site. The audit findings presented here are for the NFA letter that was issued in 1997. A second NFA letter for additional properties at the site was issued in 1999, but was not subject to this audit. A CNS for both NFAs is pending. Tier I and Tier II audits were conducted at the property included in the 1997 NFA letter. The findings of these audits support the conclusions that the site meets applicable standards. The audit findings show that the CP appears to have addressed the assessment of the property in a manner consistent with the Ohio Voluntary Action Program Standards under the NFA letter review procedures in place at the time the NFA letter was submitted. He has cooperated in providing all requested information. The review of the analytical data submitted with the NFA letter did not show any inconsistencies and the lab is certified for the appropriate methods run on the samples in the NFA letter.
- ◆ **Former Federal Mogul:** A CNS was not issued for this property. A Tier I audit of the NFA letter for the site identified the missing components of the NFA letter, including both the Phase I and Phase II Property Assessment reports. Because the NFA letter is incomplete, it is not possible to determine if the property meets applicable standards. The audit findings also describe the problem with the interim-certified laboratory using instrumentation that the laboratory was not qualified to use under the Voluntary Action Program. Regarding the performance of the CP, the audit findings summarize that by failing to provide the documents requested in the audit notification letter, the CP failed to promptly and completely respond to all document requests made by the director. The Agency allowed the CP and volunteer to withdraw their request for a CNS for the property. The Agency recommends that no Tier II Audit of the site be conducted, but does recommend that the CP be invited to meet with the VAP program manager to determine whether a suspension or revocation of the CP's certification is appropriate.
- ◆ **Certified Alloys Corporation:** A CNS was not issued for this property. A Tier I audit of the site identified several errors and omissions in the NFA letter, including an inappropriate risk assessment and inadequate site characterization. Since the NFA letter was incomplete, it was not possible for Ohio EPA to determine whether the site was in compliance with applicable standards. The Agency allowed the CP and volunteer to withdraw their request for a CNS for the property. The Agency recommends that no Tier II Audit of the site be conducted, but does recommend that the CP be invited to meet with the VAP program manager to determine whether a suspension or revocation of the CP's certification is appropriate. The Agency further recommends that no action be taken against the Certified Laboratory, because it has met its responsibilities under the VAP rules.
- ◆ **Northcliff Out Parcels:** A CNS for this property was issued on April 30, 1998. A Tier I audit of the site indicated that the property is in compliance with the applicable standards. It is recommended that the CP provide clarification regarding interviews and file reviews that were not documented. However, based on the information contained in the Phase I and II Property Assessments, the Operation & Maintenance Plan, the current Operation & Maintenance Agreement, and this Tier I Audit, the Ohio EPA does not recommend a Tier II Audit or revocation of the CNS.

NFA Letters Selected for Audit in 1998

Property Name and Address	Name of Volunteer(s)	County	Basis for Audit
Former Swan Dry Cleaners Worthington Mall 150 W. Wilson Bridge Rd. Worthington, Ohio	Allegis Realty Investor	Franklin	Selected at random from the Random audit pool
Proposed Toledo Prison Site East Central Avenue Toledo, Ohio	City of Toledo	Lucas	Selected at random from the Priority audit pool
Former Federal Mogul Rt. 7 Gallipolis, Ohio 45631	Federal Mogul	Gallia	Selected at random from the Priority audit pool
Certified Alloys Corporation 5463 Dunham Road Maple Heights, Ohio	David S. Hoffman (representing Aluminum Smelting & Refining Co.)	Cuyahoga	Selected at random from the Priority audit pool
Northcliff Out Parcels I-480 & Ridge Road Brooklyn, Ohio	Patrick Morgan, of Northcliff Shopping Center, Ltd.	Cuyahoga	Selected at random from the Priority audit pool

Low Interest Loans and Grants Issued to Properties Undergoing Voluntary Actions (July 1998 - June 1999)

Several Urban Redevelopment Loan Program and Water Pollution Control Loan Fund low-interest loans have been issued this past fiscal year to volunteers conducting assessment, cleanup and redevelopment of brownfield properties. The loans will be used for activities ranging from conducting initial environmental assessment activities to constructing a parking deck on a property that has completed cleanup. In addition to low-interest loans being issued this year, the Voluntary Action Program (VAP) awarded technical assistance grants to certified professionals and volunteers working on VAP projects.

These grants have been made available as a result of a grant provided to Ohio EPA by U.S. EPA for site-specific voluntary cleanup activities. The criteria for receiving grant-funded technical assistance is that the site must be publicly owned or must be located within one of the economically disadvantaged areas as designated by the Ohio Department of Development or within a federally designated Brownfields Assessment Pilot Grant community.

As noted in the table below, no specific dollar amount has been assigned to the grant recipients; rather, funds to subsidize technical assistance to grantees will be provided as long as grant money is remaining. The average cost for technical assistance provided by the Agency is in the neighborhood of \$6,000 - \$7,000.

The Urban Redevelopment Loan Program is administered by the Ohio Department of Development. This program provides direct loans to municipalities or designated nonprofit economic development organizations to acquire real estate for assembly into developable parcels and remediate any site contamination in 24 designated distressed urban locations across the state. The total loan fund allocation is \$30 million and the maximum loan amount is \$5 million.

The Water Pollution Control Loan Fund (WPCLF) is administered by Ohio EPA's Division of Environmental Financial Assistance. Any environmental investigation or remediation performed under the VAP rules that will result in water quality benefits to surface and/or ground water is eligible for WPCLF financing (this can include activities such as literature searches, site evaluation studies, sampling, monitoring, laboratory analyses and cleanup activities). The WPCLF will provide up to a total of \$3 million to a project for these eligible activities.

VAP - Related Loans and Grants Approved Between June 1998 and July 1999				
Applicant	Project Name	Type of Financial Incentive	Amount of Loan	Project Description
Anderson Real Estate	Rookwood Commons	WPCLF Low-Interest Loan	\$96,000.00	Phase I and Phase II environmental investigation activities
Collinwood Properties., Co. LLC	Collinwood Properties	WPCLF Low-Interest Loan	\$473,600.00	Remediation activities
Liniform Services	Barberton Laundry and Cleaning Property	WPCLF Low-Interest Loan	\$203,940.00	Phase II environmental investigation activities
McCabe Corporation	636/716 Irwin Street Properties	WPCLF Low-Interest Loan	\$600,000.00	Voluntary action activities
City of Warren	Mahoningside Power Plant Property	WPCLF Low-Interest Loan	\$1,500,000.00	Remediation activities
City of Canton	Parking facility	ODOD Urban Redevelopment Loan	\$2,000,000.00	Construction of parking deck
City of Hamilton	Commercial facility	ODOD Urban Redevelopment Loan	\$275,000.00	Preparation of site for commercial or light industrial use
City of Warren	Former power plant facility	ODOD Urban Redevelopment Loan	\$600,000.00	Remediation activities
City of Cleveland/City of Brook Park	Cleveland-Hopkins International Airport	VAP Technical Assistance Grant	n/a	Eligibility review, NFA preparation assistance, review of draft NFA documents
Port Authority for Brownfield Redevelopment - Hamilton County	Former Green Industries Property	VAP Technical Assistance Grant	n/a	Eligibility review, ground water classification, ecological assessment, supplemental standards development
City of Lima	Lima Locomotive Works Property	VAP Technical Assistance Grant	n/a	Ground water assessment review, eligibility review, O&M plan development assistance

VAP - Related Loans and Grants Approved Between June 1998 and July 1999				
Applicant	Project Name	Type of Financial Incentive	Amount of Loan	Project Description
WIRE-NET	Walworth Run Industrial Park	VAP Technical Assistance Grant	n/a	Ground water classification assistance, LNAPL assessment, eligibility review

LNAPL - Light Non-Aqueous Phase Liquid
NFA - No Further Action Letter
ODOD - Ohio Department of Development
VAP - Voluntary Action Program
WPCLF - Water Pollution Control Loan Fund

VAP EXPENSES FOR FISCAL YEAR 1999 (FY-99)

PERSONNEL & PERSONAL SERVICES

VAP Fund	\$ -0-
Hazardous Waste Cleanup Fund	643,235.76
Superfund Core Grant (Federal dollars)	<u>96,968.97</u>
Total Cost of Personnel & Personal Services	\$ 740,204.73

SUPPLIES, TRAVEL & MAINTENANCE

VAP Fund	\$ -0-
Hazardous Waste Cleanup Fund	159,994.01
Superfund Core Grant (Federal dollars)	<u>5,365.56</u>
Total Cost of Supplies, Travel & Maintenance	\$ 165,359.57

EQUIPMENT

VAP Fund	\$ -0-
Hazardous Waste Cleanup Fund	1,033.41
Superfund Core Grant (Federal dollars)	<u>5,504.00</u>
Total Cost of Equipment	\$ 6,537.41

OTHER MISCELLANEOUS EXPENSES

Miscellaneous Expenses (Refund)	\$ <u>1,000.00</u>
Total Cost of Other Miscellaneous Expenses	\$ 1,000.00

TOTAL VAP PROGRAM COST FOR FY-99	\$ 913,101.71
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VAP REVENUE FOR FY-99*

[*Administration of the VAP is funded through fees for services provided to the users of the program]

Certified Professional Fees	\$ 212,000.00
Certified Laboratory Fees	105,975.00
No Further Action Requests Fees	160,575.00
Technical Assistance Fees	90,693.39
Training Fees	9,000.00
Other	<u>2,400.00</u>
TOTAL REVENUE FOR FY-99	\$ 580,643.39
