

Annual Report to the  
Environmental Review Commission  
North Carolina General Assembly

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**The Dry-Cleaning Solvent  
Cleanup Act Program**

October 2005



Superfund Section  
Division of Waste Management  
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## ***DRY-CLEANING SOLVENT CLEANUP ACT ANNUAL REPORT***

### **Executive Summary**

As required by the Dry-Cleaning Solvent Cleanup Act (DSCA) of 1997 and amendments (G.S. 143-215.104A *et seq.*), this report provides an annual update on activities conducted in the DSCA Program in 2005. The DSCA of 1997 and its amendments created a fund for assessment and cleanup of dry-cleaning solvent environmental contamination at dry-cleaning and wholesale distribution facilities.

Significant progress has been made in all aspects of program implementation. Areas of program development showing the most progress are risk-based rule development, Assessment and Remediation Agreements, work authorizations, prioritization and comprehensive assessments, priority ranking, contracting, imminent hazard abatement and emergency response, assessment guidance and database development, operating facility compliance with minimum management practices and outreach.

The Department of Environment and Natural Resources (DENR) has identified 196 operating or abandoned dry-cleaning facilities with environmental contamination by dry-cleaning solvent. Of these, 128 have voluntarily petitioned for acceptance, and 119 have been certified into the DSCA Program. Assessment and Remediation Agreements have been executed for 66 sites and 56 sites have been prioritized.

The majority of claims against the Fund to date have been for "past costs." The DSCA Program is authorized to reimburse petitioners for reasonable, necessary and documented costs incurred between October 1997 and June 2001 in certain situations. Petitioners have submitted past cost reimbursement claims for 13 sites totaling \$2,612,290. Of that total, \$1,517,518 has been approved for reimbursement. A total of \$1,090,815 was paid to petitioners in FY 2004-05.

With the infusion of the sales tax monies, which began in July 2003, DSCA now appears to have sufficient financial resources to assess and clean up the contaminated dry-cleaning facilities identified to date by DENR. New discoveries will continue to be reported, largely due to property transactions. However, with 27 new sites reported in 2005, if the rate of discovery remains steady, the addition of new sites to the program should not overwhelm the DSCA Fund.

The program is currently developing risk-based rules as required by DSCA for the assessment and cleanup of contaminated dry-cleaning sites. A contractor who specializes in the development of risk-based programs for state regulatory agencies was hired in 2005 to assist in the rulemaking process. It is anticipated that these rules will be completed by December 2006.

Fund expenditures for site work will increase significantly when additional contracts with environmental engineering firms are executed and the risk-based rules are completed. Expenditures are projected to increase by approximately 230 percent beginning in FY 2006-07.

**Program Status**

DENR has made significant progress in implementing DSCA. DENR has solicited input from members of the DSCA Stakeholders Working Group (DSCA Stakeholders) and other interested parties to develop new policies and procedures. Participants in the DSCA Stakeholders include the following:

- ◆ DENR representatives and Department of Justice attorneys assigned to DENR,
- ◆ Dry cleaners from leadership of the North Carolina Association of Launderers and Cleaners,
- ◆ Environmental consultants,
- ◆ Representatives from environmental advocacy organizations,
- ◆ Dry cleaners using alternative dry-cleaning technologies,
- ◆ North Carolina State University’s School of Textiles faculty, and
- ◆ Private attorneys representing dry cleaners and shopping centers.

A summary of DSCA Program site status is provided in Table 1.

**Table 1. DSCA Program Site Status**

<p><b>Step 1. The dry cleaner or property owner petitions DENR for certification.</b></p>	<p>To date, 128 sites have petitioned for entry into the Program. The main motivating factors for petitioning have been real estate transactions and redevelopment.</p>
<p><b>Step 2. DENR certifies the site and checks for imminent threats.</b></p>	<p>Of the 128 sites that have petitioned, 119 sites have been certified into the Program. Two sites have been denied certification due to failure to meet the requirements for certification as mandated by DSCA. The remaining six sites that have not yet been certified are currently under review.</p> <p>Each petition is reviewed for imminent threats to human health and the environment. Drinking water sources have been identified in proximity to several sites. Evaluation of potential imminent threats has been expedited for these sites.</p>
<p><b>Step 3. The dry cleaner signs an Assessment and Remediation Agreement with DENR.</b></p>	<p>The Assessment and Remediation Agreement (ARA) is a legally binding agreement between DENR and the petitioner that covers all phases of work at a site including the prioritization assessment. All work done under these agreements is performed by independent environmental contractors hired by DENR. A total of 66 ARAs have been executed between DENR and petitioners.</p>

<p><b>Step 4. DENR assigns the site to one of its independent contractors for a prioritization assessment.</b></p>	<p>In August 2004, DENR executed contracts with four state-lead environmental contractors to perform site assessment and remediation. These four firms have been granted three-year contracts totaling \$2.4 million. In June 2005, DENR received approval from the North Carolina State Building Commission to award three additional contracts totaling \$9 million over three years. These contracts are anticipated to be executed in October 2005.</p> <p>Following execution of the ARA, DENR assigns the site to one of its contractors, who performs a prioritization assessment and determines if an imminent hazard exists at the site. Petitioners will be billed by DSCA to cover site deductibles after the expenses have been incurred.</p>
<p><b>Step 5. DENR ranks the site and checks again for imminent threats.</b></p>	<p>Information collected during the priority assessment is used by DSCA to rank each site in terms of risk to human health and the environment. The DSCA Prioritization Ranking System and supporting database application were developed to efficiently assign priority ranking scores to sites. To date, 56 sites have been prioritized.</p>
<p><b>Step 6. DENR approves its contractors to proceed with imminent hazard response, comprehensive assessment and remediation (where necessary) with funds obligated to higher priority sites first.</b></p>	<p>Five sites have been identified where drinking water wells have been impacted by dry-cleaning solvents. DSCA is responding to these threats by connecting residences and businesses to municipal water lines and installing point-of-entry filtration systems to remove contaminants. Comprehensive assessments and groundwater monitoring have been initiated at 29 sites.</p>

### Program Development

The primary objective of DSCA in 2005 was to continue working toward full implementation of the program. To attain this goal, DSCA staff directed significant energy towards the development of supporting policies, procedures, and guidance. To reduce resource consumption and optimize customer service, DSCA uses its web site ([www.ncdsc.org](http://www.ncdsc.org)) and e-mail as the primary means to deliver program documents to its customers. As in the previous year, DSCA staff continued reviewing petitions, determining site eligibility, executing assessment and remediation agreements, screening sites for imminent hazards, supply well sampling and prioritizing sites. New activities performed in 2005 include comprehensive site assessments to delineate extent of contamination, groundwater monitoring and providing users of impacted water supply wells with clean water.

Specifically, progress was achieved in the following areas:

- ◆ Risk-Based Rule Development
- ◆ Past-Cost Reimbursement
- ◆ State-Lead Contracts
- ◆ Assessment and Remediation Agreement
- ◆ Prioritization Assessments
- ◆ Prioritization of Sites

- ◆ Database Application
- ◆ Facility Compliance and Outreach

### Risk-Based Rule Development

DENR has been delegated the task of developing rules that establish a risk-based approach to assessing, prioritizing, and cleaning up dry-cleaning solvent contamination that resulted from releases at certified facilities or abandoned sites. During the past year, the DSCA Program hired an independent contractor, the RAM Group of Houston, Texas, a firm that specializes in helping states develop risk-based rules and implementation guidance. The RAM Group is currently developing a draft document with risk procedures as well as standardized reporting forms and customized spreadsheets that perform the risk calculations necessary to determine site-specific, risk-based cleanup levels. Once the draft risk document is completed, review and discussion of its content will be performed within DENR and input will be sought from a review group composed of DSCA Stakeholders. Draft rules will then be developed and advanced through the rulemaking process. It is anticipated that these rules will be completed by December 2006.

### Past-Cost Reimbursement

The majority of claims against the Fund to date have been for “past costs.” The DSCA Program is authorized to reimburse petitioners for appropriately documented and reasonably necessary costs incurred between October 1997 and June 2001 in certain situations pursuant to Section 2.(a) of House Bill 1062 (Session Law 2001-265). Petitioners have submitted past cost reimbursement claims for 13 sites totaling \$2,612,290.79. After reviewing the claims to determine eligible costs and subtracting the required \$50,000 deductible for each site, the DSCA Program determined that a total of \$1,517,518.21 could be reimbursed to petitioners for 10 of the 13 sites.

Previously, the DSCA Program could only reimburse up to 10 percent of the previous fiscal year’s revenue credited toward the Fund. In FY 2002-03, \$1.08 million was credited toward the Fund. Pursuant to House Bill 1062, the total amount that could be reimbursed during FY 2003-04 was \$108,000 (ten percent of the previous year’s revenue). This amount was reimbursed to the highest prioritized site in May 2004.

On July 1, 2004, Senate Bill 1219 was signed into law by Governor Easley. This bill increased the percentage that could be used for past cost claims from 10 percent to 25 percent. This bill also allowed the DSCA Program to reimburse up to \$200,000 per site during FY 2004-05 for all eligible costs from past cost claims. Eligible costs above \$200,000 per site will be reimbursed during FY 2005-06 (\$260,410.97) and FY 2006-07 (\$58,689.75). During FY 2004-05, the DSCA Program reimbursed a total of \$1,090,815.49 to petitioners.

### State-Lead Contracts

In July 2004, DENR executed contracts with four environmental engineering firms to perform state-lead assessment and remediation at DSCA sites. The contracts total \$2.4 million with a term of three years. During FY 04-05, these contractors have performed prioritization

assessments, comprehensive assessments and imminent hazard response activities, including the removal of contaminated soil and provision of clean drinking water to residences with contaminated water supply wells. In June 2005, the State Building Commission awarded three additional contracts totaling \$9 million to three environmental engineering firms. The DSCA Program anticipates these contracts will be executed in October 2005.

#### Assessment and Remediation Agreement

An Assessment and Remediation Agreement (ARA) that is executed by the DSCA Program and petitioners for certified sites was developed for use beginning in September 2004. This agreement encompasses all phases of site work (prioritization and comprehensive assessments and remedial action) and allows DSCA to direct all work using its state-lead contractors. Petitioners must sign this agreement in order to obtain the liability protection afforded by DSCA and to allow DSCA's contractors to assess and remediate certified sites. Sixty-six ARAs have been executed to date. Prior to September 2004, Prioritization Assessment Agreements (PAAs) between DSCA and petitioners were used to prioritize sites. However, the PAA has been phased out and all future work will be performed under the ARA.

#### Prioritization Assessments

Unless site assessment information obtained during an earlier pre-DSCA investigation is available, a prioritization assessment must be performed at DSCA sites following certification into the program. Work performed during this phase consists of limited soil and groundwater sampling to determine the severity of contamination. This sampling is conducted in conjunction with a survey of the area surrounding the site to locate all potential receptors (public and private drinking water wells, surface water bodies, sensitive ecological environments) that may be threatened by the contamination.

DSCA project managers instruct the program's state-lead contractors to submit work plans that follow procedures outlined in a prioritization assessment guidance document that details the necessary scope for this work phase. Following authorization by the DSCA Program, the contractor performs the assessment and submits a prioritization assessment report that enables the program to determine the priority ranking of the site. Pursuant to the requirements of the DSCA statute, money from the fund must be obligated to higher priority sites first.

Following completion of the prioritization assessment and receipt of the contractor's invoice, the DSCA project manager would prepare and mail an invoice to the site's petitioner(s) for an amount up to the site's applicable deductible. Once the deductible has been met, the DSCA fund covers all costs until total site costs reach \$200,000, at which point the petitioner(s) become responsible for one to three percent of incurred costs.

#### Prioritization of Sites

A total of 56 sites have been prioritized to date. In October 2004 the DSCA Program implemented a new priority scoring system that was based on the threat of contamination to nearby receptors such as supply wells and surface water. The new scoring system assigns a score that corresponds to the specific receptor that is being threatened. For example, a score of

“1.2” indicates that “an active domestic drinking water supply well is impacted or immediately threatened by the release and that the user has no access to another public or private water supply.” DSCA staff can immediately know what actual or potential hazard exists at a site based simply on its score. If multiple sites are assigned the same score, then DSCA staff can evaluate other factors such as magnitude of contamination in determining priority order. All 56 prioritized sites have been re-evaluated using the new prioritization system and the sites have been ordered in terms of priority.

### Database and Geographic Information System (GIS) Application

The DSCA Program has invested significant time and effort to develop and refine its database and GIS applications. Rapid application development techniques have been used to ensure its ability to manage data is flexible and can grow with the program. Technical and financial information has been entered into the database. The programmatic tracking and reporting applications are frequently revised to respond to changing information management needs.

Major improvements in 2005 focused on refining the database so that it could track project financial details. Reporting capabilities include project status, current site actions, site deductibles, costs applied toward the deductible, past-cost reimbursements, invoices, payments, work authorized on a per cost basis and change orders.

In July 2005 DENR purchased GIS software that the DSCA Program will use to view site information utilizing digital mapping. This technology will enhance project managers’ ability to quickly evaluate site conditions regarding contamination, thereby assisting in site assessment and remediation.

### Facility Compliance and Outreach

DENR has been authorized under DSCA to develop rules that operating dry-cleaning facilities must follow to prevent environmental contamination by dry-cleaning solvents. These rules, or Minimum Management Practices (MMPs), were implemented in 2001 as temporary rules and were approved as permanent rules in 2002. In 2005 the DSCA Program created and filled a new position that will coordinate compliance assistance visits and formal inspections of facilities and also serve as the lead for enforcement actions where necessary. This individual is currently developing inspection checklists, guidance documents and a facility database. Two additional positions are being created for inspectors who will be assigned to perform compliance assistance and facility inspections throughout the state. It is anticipated that both of these positions will be filled in FY 2005-06.

The DSCA Program is currently working to develop a memorandum-of-agreement with the Division of Air Quality that would enable the program to perform compliance inspections for air quality regulations that are applicable to dry-cleaning facilities. The program is also planning to inspect facilities for compliance with Resource Conservation and Recovery Act (RCRA) regulations, which currently are administered by the Division of Waste Management’s Hazardous Waste Section. Such multimedia inspections will enable one program within DENR to ensure compliance with all environmental regulatory requirements and will give dry cleaners and the public a single DENR point-of-contact for compliance questions or concerns.



From September 2004 through May 2005, Mr. YongJim served as an intern to the DSCA Program to improve educational outreach to the Korean dry cleaners in the state. Mr. Kim was a graduate student in Duke University's International Development Policy Program who had worked for the past 20 years with the Korean Ministry of Environment. Mr. Kim met with Korean dry cleaner associations and gave a presentation on the DSCA cleanup and compliance programs to Korean dry cleaners at a training conference in Kernersville, North Carolina. Mr. Kim also translated into Korean the 2005 Dry Cleaners Air and Waste Compliance Calendar prepared by the North Carolina Small Business Assistance Program.

The DSCA Program has continued its association with dry-cleaning programs in other states through its participation in the State Coalition for the Remediation of Drycleaners (SCRD). This work group is sponsored by the EPA's Technology Innovation Office. DSCA has benefited greatly from this organization by learning from the experiences of other states. In May 2005 the North Carolina DSCA Program served as the host for SCR D's annual meeting in Raleigh.

## **Annual Report Elements Required by G.S. 143-215.104U**

### **(1) DRY-CLEANING SOLVENT CONTAMINATION REPORTED TO THE DEPARTMENT OF ENVIRONMENT AND NATURAL RESOURCES**

DSCA maintains files and a database inventory of 196 sites that are contaminated by dry-cleaning solvent. This number represents all dry-cleaning solvent releases known to DENR, assuming other agencies have forwarded notices of release to DSCA. However, it has been estimated that over 900 contaminated current or former dry-cleaning sites exist in North Carolina. Table 2 provides a list, by county, of all known sites contaminated with dry cleaning solvent. A total of 27 new dry-cleaning solvent releases were reported to DSCA in 2005. Many of these contaminated sites were identified as a result of real estate transactions and redevelopment projects.

### **(2) SITES CERTIFIED BY THE COMMISSION**

DSCA must review a petition and the site file to determine if the site and the petitioner meet the statutory criteria for certification into the Program. Of the 128 sites that have petitioned for Program entry, 119 have been certified into the Program. Two sites have been denied certification due to failure to meet the requirements for certification as mandated by DSCA. The seven remaining sites that have not yet been certified are newly received petitions that are currently under review. The certified sites are shown in Table 3 along with current site status.

Data from these petitions have been compiled to evaluate general site characteristics. A summary is presented in Table 4. The majority of the petitioners are property owners (108), as opposed to drycleaner business owners/operators (61). Of the sites that applied, 58 percent are abandoned sites.

**Table 2. Sites with Dry-cleaning Solvent Contamination**

<b>DSCA ID</b>	<b>City</b>	<b>Site Name</b>
<i>Alamance County (3)</i>		
001-0001	GRAHAM	DELUXE CLEANERS AND LAUNDRY - W HARDEN ST
001-0002	BURLINGTON	WORKMAN PROPERTY - N CHURCH ST
001-0003	BURLINGTON	A CLEANER WORLD - NEW MARKET SQUARE SHOPPING CENTER
<i>Brunswick County (2)</i>		
010-0001	SOUTHPORT	TOWN GATE CLEANERS - N HOWE ST
010-0002	CALABASH	LOVE CLEANERS, INC. - TOWN SQUARE SHOPPING CENTER
<i>Buncombe County (2)</i>		
011-0001	ASHEVILLE	SWANNANOVA LAUNDRY - CHURCH ST
011-0002	WEAVERVILLE	QUORUM KNITTING - REEMS CREEK RD
<i>Burke County (2)</i>		
012-0001	MORGANTON	FERREE CLEANERS - S STERLING ST
012-0002	MORGANTON	JORDAN'S CLEANERS - COLLEGE ST
<i>Cabarrus County (3)</i>		
013-0001	CONCORD	FULLER SUPPLY COMPANY - NW CROWELL DR
013-0002	CONCORD	CALDWELL CLEANERS - N CHURCH ST
013-0003	KANNAPOLIS	JAYE'S ONE-HOUR CLEANERS - N MAIN ST
<i>Carteret County (1)</i>		
016-0001	MOREHEAD CITY	COASTAL DRY CLEANERS - MOREHEAD PLAZA SHOPPING CENTER
<i>Cleveland County (1)</i>		
023-0001	SHELBY	FOLKS DRY CLEANERS - HICKORY CREEK SHOPPING CENTER
<i>Cumberland County (5)</i>		
026-0001	FAYETTEVILLE	MAYFLOWER LAUNDRY AND DRY CLEANING - W RUSSELL ST
026-0002	FAYETTEVILLE	EASY WASH DRY CLEANERS - BROADFOOT PLAZA SHOPPING CTR
026-0003	FAYETTEVILLE	SMITTYS CLEANERS - OWEN DR
026-0004	FAYETTEVILLE	KORE-O-MAT LAUNDROMAT - BRAGG PLAZA SHOPPING CENTER
026-0005	FAYETTEVILLE	DAVIS CLEANERS - OWEN DR
<i>Dare County (1)</i>		
028-0001	MANTEO	ANGE SPEED WASH - BALLAST ROCK SHOPPING CENTER
<i>Davie County (1)</i>		
030-0001	MOCKSVILLE	FALLIES DRY CLEANING - S MAIN ST
<i>Durham County (10)</i>		
032-0001	DURHAM	ONE HOUR KORETIZING - N ROXBORO RD
032-0002	DURHAM	PLANTS UNLIMITED - HILLSBOROUGH RD *
032-0003	DURHAM	TRIANGLE SQUARE CLEANERS - TRIANGLE SQUARE SHOPPING CTR
032-0004	DURHAM	EAKES CLEANERS - W MORGAN ST
032-0005	DURHAM	AMERICAN DRY CLEANERS - WOODCROFT SHOPPING CENTER
032-0006	DURHAM	AMERICAN DRYCLEANERS - MALLARD AVE
032-0007	DURHAM	MODEL LAUNDRY - HOLLOWAY ST
032-0008	DURHAM	W.P. BALLARD - JUNCTION RD
032-0009	DURHAM	TNT CLEANERS - N ROXBORO RD
032-0010	DURHAM	WEAVERS CLEANERS - FAYETTEVILLE ST

\* Currently an uncertified site being addressed by DSCA as an imminent hazard site (water supply wells impacted) pursuant to N.C.G.S. 143-215.1040.

**Table 2. Sites with Dry-cleaning Solvent Contamination**

DSCA ID	City	Site Name
<i>Forsyth County (14)</i>		
034-0001	WINSTON-SALEM	CAMEL CITY CLEANERS - E 4TH ST
034-0002	WINSTON-SALEM	SHORES CLEANERS - PAVILIONS SHOPPING CENTER
034-0003	WINSTON-SALEM	A CLEANER WORLD - W ACADEMY ST
034-0004	KERNERSVILLE	HOOKER FURNITURE - N MAIN ST
034-0005	WINSTON-SALEM	KLEAN RITE CLEANERS - S HAWTHORNE RD
034-0006	WINSTON-SALEM	YOUNG CLEANERS - OBGURN STATION SHOPPING CENTER
034-0007	KERNERSVILLE	CAMELOT CLEANERS - S MAIN ST
034-0008	WINSTON-SALEM	HOUR GLASS CLEANERS - UNIVERSITY PKY
034-0009	WINSTON-SALEM	SMITH DRY CLEANERS - N MARTIN LUTHER KING JR DR
034-0010	WINSTON-SALEM	C AND S CLEANING SERVICES - WAUGHTOWN ST
034-0011	WINSTON-SALEM	CAMELOT CLEANERS - FOOD TOWN PLAZA SHOPPING CENTER
034-0012	WINSTON-SALEM	A CLEANER WORLD - HEALY DR
034-0013	WINSTON-SALEM	A CLEANER WORLD #161, PEACE HAVEN - S PEACEHAVEN RD
034-0014	WINSTON-SALEM	CAMEL CITY CLEANERS - REYNOLDA MANOR SHOPPING CENTER
<i>Gaston County (3)</i>		
036-0001	NORTH BELMONT	UNTZ DRY CLEANERS - ROPERS SHOPPING CENTER
036-0002	GASTONIA	CARSONS DRY CLEANERS - HIGHLAND PLAZA SHOPPING CENTER
036-0003	GASTONIA	DE-LUX CLEANERS - DIXIE VILLAGE SHOPPING CENTER
<i>Granville County (1)</i>		
039-0001	OXFORD	OXFORD DRY CLEANERS - HILLSBORO ST
<i>Guilford County (22)</i>		
041-0001	GREENSBORO	CLEANER IMAGE - LAWNSDALE VILLAGE SHOPPING CENTER
041-0002	GREENSBORO	CINDERELLA CLEANERS - BENBOW SHOPPING CENTER
041-0003	GREENSBORO	U.S. \$1.75 CLEANERS - BENCHMARK SQUARE SHOPPING CENTER
041-0004	GREENSBORO	COLUMBIA LAUNDRY CORP - BATTLEGROUND AVE
041-0005	HIGH POINT	DUTCH CLEANERS - S MAIN ST
041-0006	HIGH POINT	EASTGATE CLEANERS - EASTGATE SHOPPING CENTER
041-0007	GREENSBORO	MASTER KLEEN - FOREST OAKS SHOPPING CENTER
041-0008	JAMESTOWN	A CLEANER WORLD - W MAIN ST
041-0009	GREENSBORO	EVERHART DRY CLEANERS - NORTHEAST PLAZA SHOPPING CENTER
041-0010	GREENSBORO	GLAM-O-RAMA - CUMBERLAND SHOPPING CENTER
041-0011	GREENSBORO	O HENRY CLEANERS - SUMMIT AVE
041-0012	STOKESDALE	STOKESDALE FIRE DEPARTMENT - 158 HWY
041-0013	HIGH POINT	BANNER LAUNDRY - N MAIN ST
041-0014	GREENSBORO	MASTER KLEEN CLEANERS - HIGH POINT RD
041-0015	GREENSBORO	A CLEANER WORLD - SPRING GARDEN ST
041-0016	HIGH POINT	\$2.50 PRO CLEANERS - N MAIN ST
041-0017	GREENSBORO	PREMIER CLEANERS - SUMMIT AVE
041-0018	GREENSBORO	DRY CLEAN AMERICA - SPRING VALLEY PLAZA SHOPPING CENTER
041-0019	GREENSBORO	BURNETTS CLEANER AND LAUNDRY - E MARKET ST
041-0020	HIGH POINT	HISTORIC DRY CLEANER LOCATION - N MAIN ST
041-0021	HIGH POINT	GINGISS FORMAL WEAR - N MAIN ST
041-0022	GREENSBORO	FORDHAMS CLEANERS - SPRING GARDEN ST

**Table 2. Sites with Dry-cleaning Solvent Contamination**

DSCA ID	City	Site Name
<i>Henderson County (2)</i>		
045-0001	HENDERSONVILLE	BLUE RIDGE CLEANERS - E SEVENTH AVE
045-0002	HENDERSONVILLE	VILLAGE ONE HOUR CLEANERS - E BARNWELL ST
<i>Iredell County (4)</i>		
049-0001	STATESVILLE	SMITHS DRY CLEANERS - GORDON ST
049-0002	STATESVILLE	JOHNSON CLEANERS, INC. - E BROAD ST
049-0003	STATESVILLE	BROOKDALE CLEANERS - BROOKDALE SHOPPING CENTER
049-0004	TROUTMAN	CAMPBELL'S CLEANERS - WAGNER ST
<i>Johnston County (1)</i>		
051-0001	SMITHFIELD	GLAM O RAMA CLEANERS - E MARKET ST
<i>Lenoir County (1)</i>		
054-0001	KINSTON	VICKS CLEANERS - PLAZA SHOPPING CENTER SHOPPING CENTER
<i>Lincoln County (1)</i>		
055-0001	LINCOLNTON	LINCOLN CLEANERS - LINCOLN CENTER SHOPPING CENTER
<i>Martin County (2)</i>		
059-0001	ROBERSONVILLE	WILLIFORD CLEANERS - E ACADEMY ST
059-0002	WILLIAMSTON	TOWN & COUNTRY CLEANERS - WASHINGTON ST
<i>Mcdowell County (1)</i>		
056-0001	OLD FORT	NICHOLS LAUNDRY AND DRY CLEANING - CATAWBA AVE
<i>Mecklenburg County (37)</i>		
060-0001	CHARLOTTE	A CLEANER - MONROE RD
060-0002	CHARLOTTE	AMERICAN DRY CLEANER - E MOREHEAD ST
060-0003	MATTHEWS	CROSSROADS DRY CLEANERS - HOODS CROSSROADS SHOPPING CTR
060-0004	CHARLOTTE	MINUTE MAN CLEANERS - EASTWAY CROSSING SHOPPING CENTER
060-0005	CHARLOTTE	MITCHELLS FORMAL WEAR WAREHOUSE - CROSLAND CENTRE
060-0006	CHARLOTTE	PEOPLES CLEANERS - BEATTIES FORD RD
060-0007	CHARLOTTE	QUAIL DRY CLEANERS - QUAIL CORNERS SHOPPING CENTER
060-0008	CHARLOTTE	SNO-WHITE CLEANERS AND LAUNDERERS - SOUTHPARK MALL
060-0009	CHARLOTTE	SPRINGFRESH CLEANER - SARDIS VILLAGE SHOPPING CENTER
060-0010	CHARLOTTE	BOGGS AND COMPANY - GLENWOOD DR
060-0011	CHARLOTTE	SNO-WHITE CLEANERS - CARMEL COMMONS SHOPPING CENTER
060-0012	CHARLOTTE	DOMESTIC LAUNDRY - S MCDOWELL ST
060-0013	CHARLOTTE	CUNNINGHAM CLEANERS - COTSWALD MALL SHOPPING CENTER
060-0014	CHARLOTTE	ONE PRICE DRY-CLEANING - SOUTH SQUARE MARKETPLACE
060-0015	CHARLOTTE	CARRIAGE FINE DRY CLEANING - ARBORETUM SHOPPING CENTER
060-0016	CHARLOTTE	60 MINUTE CLEANERS - STEELE CREEK COMMONS SHOPPING CTR
060-0017	CHARLOTTE	GATEWAY VILLAGE DEVELOPMENT - W TRADE ST
060-0018	CHARLOTTE	SUDS N DUDS - N SHARON AMITY RD
060-0019	CHARLOTTE	CUNNINGHAM CLEANERS - N DAVIDSON ST
060-0020	CHARLOTTE	HOME DEPOT - MIDTOWN SQUARE SHOPPING CENTER
060-0021	PINEVILLE	HEARTS DRY CLEANERS - PARK PLACE SHOPPING CENTER
060-0022	PINEVILLE	RAINBOW CLEANERS - COUNTRYSIDE SHOPPING CENTER
060-0023	CHARLOTTE	PRESTOWN LAUNDRY AND CLEANERS - IDLEWILD RD
060-0024	CHARLOTTE	60 MINUTE CLEANERS - PLAZA SHOPPING CENTER

**Table 2. Sites with Dry-cleaning Solvent Contamination**

<b>DSCA ID</b>	<b>City</b>	<b>Site Name</b>
<i>Mecklenburg County (cont.)</i>		
060-0025	MATTHEWS	HO CLEANERS - PLANTATION MARKET SHOPPING CENTER
060-0026	CHARLOTTE	SNO-WHITE CLEANERS - E 4TH ST
060-0027	CHARLOTTE	CHARLIE BROWNS DRY CLEANERS - MAJOR ST
060-0028	CHARLOTTE	SHARON CLEANERS - SHARON CORNERS SHOPPING CENTER
060-0029	CHARLOTTE	ABRA COSTUMES - CENTRAL AVE
060-0030	CHARLOTTE	VILLAGE CLEANERS - ALBEMARLE RD
060-0031	CHARLOTTE	SNO-WHITE CLEANERS - FOUR SEASONS SHOPPING CENTER
060-0032	CHARLOTTE	EASTWAY QUICK CLEAN SERVICE - EASTWAY CROSSING SHPG CTR
060-0033	CHARLOTTE	JONES DRY CLEANING - E 4TH ST
060-0034	MATTHEWS	HO CLEANERS - MATTHEWS FESTIVAL SHOPPING CENTER
060-0035	CHARLOTTE	IVORY CLEANERS - WESTERLY HILLS SHOPPING CENTER
060-0036	CHARLOTTE	FAULK CLEANERS - WESTERLY HILLS SHOPPING CENTER
060-0037	CHARLOTTE	DRYCLEAN CAROLINAS - SOUTH BLVD
<i>Moore County (4)</i>		
063-0001	PINEHURST	PINEHURST HOTEL CLEANERS - MCCASKILL RD
063-0002	ABERDEEN	CARTERS FABRICARE - TOWN AND COUNTRY SHOPPING CENTER
063-0003	SOUTHERN PINES	CARTERS LAUNDRY AND CLEANING - W NEW YORK AVE
063-0004	ABERDEEN	SOAPY BUBBLES - POPLAR ST
<i>Nash County (2)</i>		
064-0001	ROCKY MOUNT	CLEAN-CLEAN DRY CLEANERS - WESTRIDGE VILLAGE SHPG CTR
064-0002	ROCKY MOUNT	CLEAN-CLEAN DRY CLEANERS - TARRYTOWN MALL SHOPPING CTR
<i>New Hanover County (5)</i>		
065-0001	WILMINGTON	MODERN DRY CLEANERS AND LAUNDRY - INDEPENDENCE MALL
065-0002	WILMINGTON	COASTAL DRY CLEANERS - LONG LEAF MALL SHOPPING CENTER
065-0003	WILMINGTON	COASTAL DRY CLEANERS AND COIN LAUNDRY - OLEANDER DR
065-0004	WILMINGTON	COASTAL DRY CLEANERS - CAROLINA BEACH RD
065-0005	WILMINGTON	WILLIAMS CLEANERS - MARKET ST
<i>ONslow County (6)</i>		
067-0001	JACKSONVILLE	ABC ONE HOUR CLEANERS - LEJEUNE
067-0002	JACKSONVILLE	SOUTHERN CLEANERS AND LAUNDRY - COURT ST
067-0003	SWANSBORO	COASTAL DRY CLEANERS - W CORBETT AVE
067-0004	JACKSONVILLE	COASTAL DRY CLEANERS - NEW MARKET SQUARE SHOPPING CTR
067-0005	MIDWAY PARK	VILLAGE CLEANERS - PINEY GREEN SHOPPING CENTER
067-0006	JACKSONVILLE	NORTHWOODS CLEANERS - HENDERSON DR
<i>Orange County (5)</i>		
068-0001	CHAPEL HILL	KSP CLEANERS - EASTGATE SHOPPING CENTER
068-0002	CHAPEL HILL	AMERICAN DRY CLEANERS - UNIVERSITY MALL SHOPPING CENTER
068-0003	CHAPEL HILL	DELUXE CLEANERS - VILLAGE PLAZA SHOPPING CENTER
068-0004	DURHAM	SCOTT AND ROBERTS DRY CLEANERS - FOSTER ST
068-0005	CHAPEL HILL	MIDTOWN SHOPS LLC - MIDTOWN SHOPS SHOPPING CENTER
<i>Pasquotank County (1)</i>		
070-0001	ELIZABETH CITY	SOUTHGATE KORETIZING - SOUTHGATE MALL SHOPPING CENTER

**Table 2. Sites with Dry-cleaning Solvent Contamination**

<b>DSCA ID</b>	<b>City</b>	<b>Site Name</b>
<i>Pitt County (5)</i>		
074-0001	GREENVILLE	KORETIZING CLEANERS - PLAZA MALL SHOPPING CENTER
074-0002	AYDEN	AYDEN PLAZA - AYDEN PLAZA SHOPPING CENTER
074-0003	GREENVILLE	BETTER LOOK GARMENT CARE - ARLINGTON PLAZA SHOPPING CTR
074-0004	GREENVILLE	BOWENS CLEANERS - STANTON SQUARE SHOPPING CENTER
074-0005	GREENVILLE	BOWEN CLEANERS - S EVANS ST
<i>Polk County (1)</i>		
075-0001	TRYON	BROCKS CLEANERS - MAPLE ST
<i>Randolph County (1)</i>		
076-0001	ASHEBORO	HILLSIDE LAUNDROMAT - HILLSIDE SHOPPING CENTER
<i>Robeson County (1)</i>		
078-0001	FAIRMONT	STEVENS DRY CLEANERS - CENTER ST
<i>Rockingham County (1)</i>		
079-0001	REIDSVILLE	HICKS POLY CLEAN CENTER SELF SERVICE LAUNDRY - S SCALES ST
<i>Rowan County (2)</i>		
080-0001	SPENCER	SHUPING CLEANERS - PARK PLAZA SHOPPING CENTER
080-0002	SALISBURY	AVALON CLEANERS - SALISBURY TOWNSHIP SHOPPING CENTER
<i>Rutherford County (1)</i>		
081-0001	FOREST CITY	CONE MILLS - DEPOT ST
<i>Surry County (1)</i>		
086-0001	MOUNT AIRY	MODERN LAUNDRY AND DRY CLEANERS - W LEBANON ST
<i>Union County (1)</i>		
090-0001	MONROE	PRESTOWN PRESTO CLEAN - SUTTON PARK SHOPPING CENTER
<i>Wake County (31)</i>		
092-0001	RALEIGH	PRO CLEANERS - TOWNE NORTH SHOPPING CENTER
092-0002	RALEIGH	SHERRILLS DRY CLEANERS - PLAZA WEST SHOPPING CENTER
092-0003	RALEIGH	RAINBOW CLEANERS AND LAUNDRY - GLENWOOD VILLAGE SC
092-0004	CARY	MEDLIN-DAVIS CLEANERS - KILDAIRE PLAZA SHOPPING CENTER
092-0005	RALEIGH	DJ CLEANERS - TOWER MERCHANTS VILLAGE SHOPPING CENTER
092-0006	RALEIGH	HILKERS CLEANERS - EASTGATE SHOPPING CENTER
092-0007	RALEIGH	BROTHERS CLEANERS - NORTH RIDGE SHOPPING CENTER
092-0008	RALEIGH	JOHNSONS DRY CLEANERS - RIDGEWOOD SHOPPING CENTER
092-0009	KNIGHTDALE	KNIGHTDALE CLEANERS - KNIGHTDALE CROSSINGS SHOPPING CTR
092-0010	RALEIGH	FULLER SUPPLY COMPANY - EBY DR
092-0011	CARY	MEDLIN-DAVIS CLEANERS - MACGREGOR VILLAGE SHOPPING CTR
092-0012	RALEIGH	NEWTONS CLEANERS - CAMERON VILLAGE SHOPPING CENTER
092-0013	RALEIGH	MEDLIN-DAVIS CLEANERS - CAMERON VILLAGE SHOPPING CENTER
092-0014	RALEIGH	GLAM-O-RAMA CLEANERS - CAPITAL SQUARE SHOPPING CENTER
092-0015	RALEIGH	EMPORIUM CLEANERS - EMPORIUM PLAZA SHOPPING CENTER
092-0016	RALEIGH	NEW HOPE CLEANERS AND TAILORS - TARRYMORE SQUARE SC
092-0017	RALEIGH	BROTHERS CLEANERS - THE LASSITER AT NORTH HILLS SC
092-0018	RALEIGH	ACE DRY CLEANERS - ATLANTIC AVE
092-0019	RALEIGH	SANITARY LAUNDRY - MCDOWELL ST
092-0020	RALEIGH	SHERRILL'S DRY CLEANING - CELEBRATION AT SIX FORKS SC

**Table 2. Sites with Dry-cleaning Solvent Contamination**

<b>DSCA ID</b>	<b>City</b>	<b>Site Name</b>
<i>Wake County (cont.)</i>		
092-0021	RALEIGH	T AND J CLEANERS - GATEWAY PLAZA SHOPPING CENTER
092-0022	RALEIGH	MEDLIN DAVIS CLEANERS - KIDDS HILL PLAZA SHOPPING CENTER
092-0023	RALEIGH	POPES DRY CLEANERS - GREYSTONE VILLAGE SHOPPING CENTER
092-0024	RALEIGH	PLEASANT VALLEY CLEANERS - TOWNRIDGE SHOPPING CENTER
092-0025	RALEIGH	HILKERS CLEANERS - SUTTON SQUARE SHOPPING CENTER
092-0026	RALEIGH	IDEAL CLEANERS - FALLS VILLAGE SHOPPING CENTER
092-0027	RALEIGH	EAGLE CLEANERS - SPRINGFIELD COMMONS RETAIL SHOPPING CTR
092-0028	RALEIGH	JOY CLEANERS - FAYETTEVILLE RD
092-0029	CARY	GALAXY CLEANERS - WAVERLY PLACE SHOPPING CENTER
092-0030	APEX	BEST DRY CLEANERS - PEAK PLAZA SHOPPING CENTER
092-0031	RALEIGH	THE CLEANERS - AVENT FERRY SHOPPING CENTER SHOPPING CTR
<i>Wayne County (1)</i>		
096-0001	GOLDSBORO	PENNY DRY CLEANERS - E ASH ST
<i>Wilson County (7)</i>		
098-0001	WILSON	KORETIZING CLEANERS - WARD BLVD
098-0002	WILSON	DISCOUNT CLEANERS - FIKWOOD PLAZA SHOPPING CENTER
098-0003	WILSON	EXCLUSIVE CLEANERS - S GOLDSBORO ST
098-0004	WILSON	EXCLUSIVE CLEANERS - PARKWOOD MALL & PLAZA SHOPPING CTR
098-0005	WILSON	FRIENDLY CLEANERS - S PENDER ST
098-0006	WILSON	EXCLUSIVE CLEANERS - PARKWOOD MALL & PLAZA SHOPPING CTR
098-0007	WILSON	EXCLUSIVE CLEANERS - CENTURA VILLAGE SHOPPING CENTER

**196 Contaminated Dry-cleaning Sites**



**Table 3. DSCA Certified Dry-cleaning Sites**

<b>DSCA ID</b>	<b>City</b>	<b>Site Name</b>	<b>Status</b>
<i>Alamance County (1)</i>			
001-0003	BURLINGTON	A CLEANER WORLD- NEW MARKET SQUARE	Certified
<i>Brunswick County (2)</i>			
010-0001	SOUTHPORT	TOWN GATE CLEANERS - N HOWE ST	Assessment
010-0002	CALABASH	LOVE CLEANERS, INC. - TOWN SQUARE SHOPPING CENTER	Assessment
<i>Buncombe County (1)</i>			
011-0001	ASHEVILLE	SWANNANOVA LAUNDRY - CHURCH ST	Prioritization
<i>Burke County (2)</i>			
012-0001	MORGANTON	FERREE CLEANERS - S STERLING ST	Certified
012-0002	MORGANTON	JORDAN'S CLEANERS - COLLEGE ST	Certified
<i>Cabarrus County (2)</i>			
013-0001	CONCORD	FULLER SUPPLY COMPANY - NW CROWELL DR	Prioritization
013-0002	CONCORD	CALDWELL CLEANERS - N CHURCH ST	Prioritization
<i>Carteret County (1)</i>			
016-0001	MOREHEAD CITY	COASTAL DRY CLEANERS - MOREHEAD PLAZA SC	Assessment
<i>Cleveland County (1)</i>			
023-0001	SHELBY	FOLKS DRY CLEANERS - HICKORY CREEK SHOPPING CENTER	Assessment
<i>Cumberland County (3)</i>			
026-0001	FAYETTEVILLE	MAYFLOWER LAUNDRY AND DRY CLEANING - W RUSSELL ST	Certified
026-0003	FAYETTEVILLE	SMITTYS CLEANERS - OWEN DR	Imminent Hazard
026-0004	FAYETTEVILLE	KORE-O-MAT LAUNDROMAT - BRAGG PLAZA SHOPPING CTR	Certified
<i>Dare County (1)</i>			
028-0001	MANTEO	ANGE SPEED WASH - BALLAST ROCK SHOPPING CENTER	Certified
<i>Durham County (5)</i>			
032-0003	DURHAM	TRIANGLE SQUARE CLEANERS - TRIANGLE SQUARE SC	Prioritization
032-0005	DURHAM	AMERICAN DRY CLEANERS - WOODCROFT SHOPPING CENTER	Certified
032-0007	DURHAM	MODEL LAUNDRY - HOLLOWAY ST	Certified
032-0008	DURHAM	W.P. BALLARD - JUNCTION RD	Prioritization
032-0010	DURHAM	WEAVERS CLEANERS - FAYETTEVILLE ST	Certified
<i>Forsyth County (7)</i>			
034-0007	KERNERSVILLE	CAMELOT CLEANERS - S MAIN ST	Certified
034-0008	WINSTON-SALEM	HOUR GLASS CLEANERS - UNIVERSITY PKY	Prioritization
034-0009	WINSTON-SALEM	SMITH DRY CLEANERS - N MARTIN LUTHER KING JR DR	Prioritization
034-0011	WINSTON-SALEM	CAMELOT CLEANERS - FOOD TOWN PLAZA SHOPPING CENTER	Certified
034-0012	WINSTON-SALEM	A CLEANER WORLD - HEALY DR	Certified
034-0013	WINSTON-SALEM	A CLEANER WORLD #161, PEACE HAVEN - S PEACEHAVEN RD	Prioritization
034-0014	WINSTON-SALEM	CAMEL CITY CLEANERS - REYNOLDA MANOR SHOPPING CTR	Prioritization
<i>Gaston County (1)</i>			
036-0003	GASTONIA	DE-LUX CLEANERS - DIXIE VILLAGE SHOPPING CENTER	Imminent Hazard
<i>Guilford County (9)</i>			
041-0001	GREENSBORO	CLEANER IMAGE - LAWNDALE VILLAGE SHOPPING CENTER	Certified
041-0003	GREENSBORO	U.S. \$1.75 CLEANERS - BENCHMARK SQUARE SHOPPING CTR	Prioritization
041-0006	HIGH POINT	EASTGATE CLEANERS - EASTGATE SHOPPING CENTER	Assessment
041-0007	GREENSBORO	MASTER KLEEN - FOREST OAKS SHOPPING CENTER	Assessment
041-0008	JAMESTOWN	A CLEANER WORLD - W MAIN ST	Certified
041-0009	GREENSBORO	EVERHART DRY CLEANERS - NORTHEAST PLAZA SC	Assessment
041-0017	GREENSBORO	PREMIER CLEANERS - SUMMIT AVE	Prioritization

**Table 3. DSCA Certified Dry-cleaning Sites**

DSCA ID	City	Site Name	Status
<i>Guilford County (cont.)</i>			
041-0018	GREENSBORO	DRY CLEAN AMERICA - SPRING VALLEY PLAZA SC	Prioritization
041-0021	HIGH POINT	GINGISS FORMAL WEAR - N MAIN ST	Assessment
<i>Henderson County (1)</i>			
045-0002	HENDERSONVILLE	VILLAGE ONE HOUR CLEANERS - E BARNWELL ST	Certified
<i>Iredell County (3)</i>			
049-0002	STATESVILLE	JOHNSON CLEANERS, INC. - E BROAD ST	Prioritization
049-0003	STATESVILLE	BROOKDALE CLEANERS - BROOKDALE SHOPPING CENTER	Assessment
049-0004	TROUTMAN	CAMPBELL'S CLEANERS - WAGNER ST	Certified
<i>Lenoir County (1)</i>			
054-0001	KINSTON	VICKS CLEANERS - PLAZA SHOPPING CENTER SHOPPING CTR	Prioritization
<i>Lincoln County (1)</i>			
055-0001	LINCOLNTON	LINCOLN CLEANERS - LINCOLN CENTER SHOPPING CENTER	Prioritization
<i>Mecklenburg County (23)</i>			
060-0001	CHARLOTTE	A CLEANER - MONROE RD	Certified
060-0003	MATTHEWS	CROSSROADS DRY CLEANERS - HOODS CROSSROADS SC	Prioritization
060-0004	CHARLOTTE	MINUTE MAN CLEANERS - EASTWAY CROSSING SC	Prioritization
060-0005	CHARLOTTE	MITCHELLS FORMAL WEAR WAREHOUSE - CROSLAND CENTRE	Certified
060-0007	CHARLOTTE	QUAIL DRY CLEANERS - QUAIL CORNERS SHOPPING CENTER	Certified
060-0008	CHARLOTTE	SNO-WHITE CLEANERS AND LAUNDERERS - SOUTHPARK MALL	Certified
060-0010	CHARLOTTE	BOGGS AND COMPANY - GLENWOOD DR	Certified
060-0011	CHARLOTTE	SNO-WHITE CLEANERS - CARMEL COMMONS SHOPPING CTR	Certified
060-0012	CHARLOTTE	DOMESTIC LAUNDRY - S MCDOWELL ST	Certified
060-0014	CHARLOTTE	ONE PRICE DRY-CLEANING - SOUTH SQUARE MARKETPLACE	Assessment
060-0016	CHARLOTTE	60 MINUTE CLEANERS - STEELE CREEK COMMONS SC	Certified
060-0021	PINEVILLE	HEARTS DRY CLEANERS - PARK PLACE SHOPPING CENTER	Assessment
060-0023	CHARLOTTE	PRESTOWN LAUNDRY AND CLEANERS - IDLEWILD RD	Prioritization
060-0024	CHARLOTTE	60 MINUTE CLEANERS - PLAZA SHOPPING CENTER	Prioritization
060-0025	MATTHEWS	HO CLEANERS - PLANTATION MARKET SHOPPING CENTER	Assessment
060-0026	CHARLOTTE	SNO-WHITE CLEANERS - E 4TH ST	Prioritization
060-0028	CHARLOTTE	SHARON CLEANERS - SHARON CORNERS SHOPPING CENTER	Prioritization
060-0029	CHARLOTTE	ABRA COSTUMES - CENTRAL AVE	Assessment
060-0030	CHARLOTTE	VILLAGE CLEANERS - ALBEMARLE RD	Assessment
060-0031	CHARLOTTE	SNO-WHITE CLEANERS - FOUR SEASONS SHOPPING CENTER	Certified
060-0032	CHARLOTTE	EASTWAY QUICK CLEAN SERVICE - EASTWAY CROSSING SC	Certified
060-0034	MATTHEWS	HO CLEANERS - MATTHEWS FESTIVAL SHOPPING CENTER	Assessment
060-0037	CHARLOTTE	DRYCLEAN CAROLINAS - SOUTH BLVD	Assessment
<i>Moore County (3)</i>			
063-0001	PINEHURST	PINEHURST HOTEL CLEANERS - MCCASKILL RD	Prioritization
063-0003	SOUTHERN PINES	CARTERS LAUNDRY AND CLEANING - W NEW YORK AVE	Prioritization
<i>Moore County (3)</i>			
063-0004	ABERDEEN	SOAPY BUBBLES - POPLAR ST	Prioritization
<i>New Hanover County (4)</i>			
065-0001	WILMINGTON	MODERN DRY CLEANERS & LAUNDRY - INDEPENDENCE MALL	Certified
065-0002	WILMINGTON	COASTAL DRY CLEANERS - LONG LEAF MALL SHOPPING CTR	Certified
065-0004	WILMINGTON	COASTAL DRY CLEANERS - CAROLINA BEACH RD	Certified
065-0005	WILMINGTON	WILLIAMS CLEANERS - MARKET ST	Assessment

**Table 3. DSCA Certified Dry-cleaning Sites**

<b>DSCA ID</b>	<b>City</b>	<b>Site Name</b>	<b>Status</b>
<i>Onslow County (2)</i>			
067-0002	JACKSONVILLE	SOUTHERN CLEANERS AND LAUNDRY - COURT ST	Assessment
067-0005	MIDWAY PARK	VILLAGE CLEANERS - PINEY GREEN SHOPPING CENTER	Prioritization
<i>Orange County (4)</i>			
068-0001	CHAPEL HILL	KSP CLEANERS - EASTGATE SHOPPING CENTER	Certified
068-0003	CHAPEL HILL	DELUXE CLEANERS - VILLAGE PLAZA SHOPPING CENTER	Certified
068-0004	DURHAM	SCOTT AND ROBERTS DRY CLEANERS - FOSTER ST	Certified
068-0005	CHAPEL HILL	MIDTOWN SHOPS LLC - MIDTOWN SHOPS SHOPPING CENTER	Certified
<i>Pasquotank County (1)</i>			
070-0001	ELIZABETH CITY	SOUTHGATE KORETIZING - SOUTHGATE MALL SHOPPING CTR	Prioritization
<i>Pitt County (2)</i>			
074-0004	GREENVILLE	BOWENS CLEANERS - STANTON SQUARE SHOPPING CENTER	Prioritization
074-0005	GREENVILLE	BOWEN CLEANERS - S EVANS ST	Certified
<i>Polk County (1)</i>			
075-0001	TRYON	BROCKS CLEANERS - MAPLE ST	Prioritization
<i>Rockingham County (1)</i>			
079-0001	REIDSVILLE	HICKS POLY CLEAN SELF SERVICE LAUNDRY - S SCALES ST	Assessment
<i>Rowan County (1)</i>			
080-0001	SPENCER	SHUPING CLEANERS - PARK PLAZA SHOPPING CENTER	Prioritization
<i>Surry County (1)</i>			
086-0001	MOUNT AIRY	MODERN LAUNDRY AND DRY CLEANERS - W LEBANON ST	Assessment
<i>Union County (1)</i>			
090-0001	MONROE	PRESTOWN PRESTO CLEAN - SUTTON PARK SHOPPING CTR	Certified
<i>Wake County (27)</i>			
092-0001	RALEIGH	PRO CLEANERS - TOWNE NORTH SHOPPING CENTER	Imminent Hazard
092-0003	RALEIGH	RAINBOW CLEANERS AND LAUNDRY - GLENWOOD VILLAGE	Certified
092-0004	CARY	MEDLIN-DAVIS CLEANERS - KILDAIRE PLAZA SHOPPING CTR	Certified
092-0005	RALEIGH	DJ CLEANERS - TOWER MERCHANTS VILLAGE SHOPPING CTR	Prioritization
092-0006	RALEIGH	HILKERS CLEANERS - EASTGATE SHOPPING CENTER	Certified
092-0007	RALEIGH	BROTHERS CLEANERS - NORTH RIDGE SHOPPING CENTER	Prioritization
092-0008	RALEIGH	JOHNSONS DRY CLEANERS - RIDGEWOOD SHOPPING CENTER	Prioritization
092-0010	RALEIGH	FULLER SUPPLY COMPANY - EBY DR	Certified
092-0011	CARY	MEDLIN-DAVIS CLEANERS - MACGREGOR VILLAGE SC	Assessment
092-0012	RALEIGH	NEWTONS CLEANERS - CAMERON VILLAGE SHOPPING CTR	Certified
092-0013	RALEIGH	MEDLIN-DAVIS CLEANERS - CAMERON VILLAGE SC	Certified
092-0014	RALEIGH	GLAM-O-RAMA CLEANERS - CAPITAL SQUARE SHOPPING CTR	Certified
<i>Wake County (27)</i>			
092-0015	RALEIGH	EMPORIUM CLEANERS - EMPORIUM PLAZA SHOPPING CTR	Prioritization
092-0016	RALEIGH	NEW HOPE CLEANERS AND TAILORS - TARRYMORE SQUARE	Certified
092-0017	RALEIGH	BROTHERS CLEANERS - THE LASSITER AT NORTH HILLS SC	Prioritization
092-0018	RALEIGH	ACE DRY CLEANERS - ATLANTIC AVE	Prioritization
092-0019	RALEIGH	SANITARY LAUNDRY - MCDOWELL ST	Certified
092-0020	RALEIGH	SHERRILL'S DRY CLEANING - CELEBRATION AT SIX FORKS SC	Prioritization
092-0021	RALEIGH	T AND J CLEANERS - GATEWAY PLAZA SHOPPING CENTER	Assessment
092-0022	RALEIGH	MEDLIN DAVIS CLEANERS - KIDDS HILL PLAZA SHOPPING CTR	Prioritization
092-0023	RALEIGH	POPES DRY CLEANERS - GREYSTONE VILLAGE SHOPPING CTR	Certified

**Table 3. DSCA Certified Dry-cleaning Sites**

<b>DSCA ID</b>	<b>City</b>	<b>Site Name</b>	<b>Status</b>
<i>Wake County (cont.)</i>			
092-0024	RALEIGH	PLEASANT VALLEY CLEANERS - TOWNRIDGE SHOPPING CTR	Prioritization
092-0025	RALEIGH	HILKERS CLEANERS - SUTTON SQUARE SHOPPING CENTER	Certified
092-0027	RALEIGH	EAGLE CLEANERS - SPRINGFIELD COMMONS RETAIL SC	Prioritization
092-0028	RALEIGH	JOY CLEANERS - FAYETTEVILLE RD	Emergency
<i>Action</i>			
092-0029	CARY	GALAXY CLEANERS - WAVERLY PLACE SHOPPING CENTER	Prioritization
092-0030	APEX	BEST DRY CLEANERS - PEAK PLAZA SHOPPING CENTER	Certified
<i>Wilson County (6)</i>			
098-0001	WILSON	KORETIZING CLEANERS - WARD BLVD	Certified
098-0002	WILSON	DISCOUNT CLEANERS - FIKWOOD PLAZA SHOPPING CENTER	Prioritization
098-0003	WILSON	EXCLUSIVE CLEANERS - S GOLDSBORO ST	Certified
098-0004	WILSON	EXCLUSIVE CLEANERS - PARKWOOD MALL & PLAZA SC	Certified
098-0006	WILSON	EXCLUSIVE CLEANERS - PARKWOOD MALL AND PLAZA SC	Certified
098-0007	WILSON	EXCLUSIVE CLEANERS - CENTURA VILLAGE SHOPPING CTR	Certified

**119 Certified Sites**

**Table 4. DSCA Site Statistics**

<b>Petition Status</b>	<b>Number</b>	<b>Percent of Total</b>
Sites Petitioned in Program	128	----
Sites Certified	119	94
Sites Pending Certification	7	5
Sites Denied Certification	2	1
<b><i>Site Status</i></b>		
Sites with Executed Agreements <sup>1</sup>	66	-
Sites Prioritized	56	-
<b><i>Site Classification</i></b>		
Abandoned	75	58
Wholesale Distribution	2	2
Operating	49	38
Undetermined	2	2
<b><i>Size Distribution of Operating Sites</i></b>		
Small Size (1-4 employees)	17	35
Medium Size (5 - 9 employees)	12	24
Large Size (> 10 employees)	20	41
<b><i>Distribution and Classification of Petitions</i></b> <sup>2</sup>		
Property Owners	108	64
Dry-cleaning Business Owners/Operator	61	36

**(3) COST ESTIMATE FOR ASSESSMENT AND REMEDIATION OF CERTIFIED SITES**

Actual costs to assess and remediate DSCA sites are anticipated to vary widely from site to site. Factors influencing costs include site geology, age of release, the chemical nature of the solvents released and the threats posed to potential receptors. However, an annual spending cap of \$200,000 per site is applied by statute unless contamination at a site poses an imminent threat to public health. In these cases, annual expenditures are capped at \$400,000 per site.

Based on costs figures provided by other states, DSCA can calculate an approximate total cleanup cost for those sites that have been certified into the program. Using an average total cleanup cost of \$250,000 per site, the total projected cost to remediate the 119 presently certified sites is approximately \$30 million. Based on figures from the North Carolina Department of Labor, there are at least 2,000 active and abandoned dry-cleaning facilities in the state. Investigations performed across the nation indicate that contamination is present in about 75 percent of all dry-cleaning operations. Applying this percentage to the number of current and former facilities in North Carolina, a total of 1,500 contaminated sites may be present. If only 50 percent of these contaminated sites are accepted into the DSCA Program, the projected total cleanup cost would be approximately \$188 million.

<sup>1</sup> Assessment and Remediation Agreements  
<sup>2</sup> Reflects multiple petitioners for some sites

The DSCA Program controls site costs by reviewing and pre-approving all work plans submitted by its state-lead contractors prior to the start of field activities. All plans are required to provide sufficient detail (e.g., unit costs, subcontractor bids) to allow for an effective pre-approval review. DSCA's contracts include set unit rates that the contractors must follow for all assigned work.

#### (4) RECEIPTS AND DISBURSEMENTS FOR THE FUND

The primary funding sources for the dry-cleaning solvent cleanup fund are a tax on dry-cleaning solvents and, beginning in July 2003, the state portion of the current sales tax on dry-cleaning. The DSCA Fund's finances through FY 2004-05 (ending June 30, 2005) are summarized below:

Collections FY 97-98	\$ 474,717.47
Collections FY 98-99	\$ 927,004.50
Collections FY 99-00	\$ 968,993.09
Collections FY 00-01	\$ 863,772.16
Collections FY 01-02	\$1,061,298.70
Collections FY 02-03	\$1,076,826.57
Collections FY 03-04	\$9,487,233.94 *
Collections FY 04-05	\$9,660,612.84
Solvent Tax Revenue (all years)	\$6,612,247.74
Sales Tax on Dry-cleaning Revenue	\$16,618,958.95
Deductible/Co-Pay Payments from Petitioners	\$ 8,488.50
Interest	\$ 1,280,764.08
<b>Total Collections</b>	<b>\$24,520,459.27</b>
Dept. of Revenue Expenses	\$ 30,764.42 **
Cleanup Expenses	
Reimbursements to Petitioners	\$ 1,373,689.96
Payments to State-lead Contractors	\$ 125,202.32
DENR Administrative Expenses	\$ 1,589,114.16
<b>Total Expenditures</b>	<b>\$ 3,118,770.86</b>
<b>Fund Balance</b>	<b>\$21,401,688.41</b>
Funds Encumbered in Contracts	\$11,409,797.68

\* The significant increase in collections during FY 03-04 compared to previous years is due to the addition of the sales tax on dry-cleaning revenue.

\*\* This represents the actual amount charged by the Department of Revenue for its expenses. The Department of Revenue is authorized by DSCA to charge no more than \$125,000 per year.

Fund expenditures for site work will increase significantly when additional contracts with environmental engineering firms are executed and the risk-based rules are completed. The DSCA Program up to this time has been assessing the extent of contamination at certified sites and performing remediation to address imminent hazard situations such as treatment and replacement of contaminated drinking water and excavation of hazardous soil. Once developed and implemented, the risk-based rules will enable the Program to determine site-specific cleanup levels at all sites. Remediation, the most expensive phase of site work, can then commence at those sites where the risks posed by the contamination are unacceptable as defined by the rules. Expenditures are projected to increase by approximately 230 percent beginning in FY 2006-07.

#### (5) CLAIMS AGAINST THE FUND

There are two types of claims against the DSCA Fund. The majority of claims come from petitioners that incurred past investigative/remedial costs in response to an order or notice of violation from DENR prior to DSCA implementation. Past-cost claims that meet the requirements of Section 2.(a) of House Bill 1062 (Session Law 2001-265) were described previously in the section on "Past-Cost Reimbursement". Of those eligible past costs totaling \$1,517,518.21, a total of \$1,198,417.49 has been reimbursed and the remaining \$319,100.72 will be reimbursed in FY 2005-06 and FY 2006-07.

The second type of claim against the DSCA Fund is for approved costs for site work which exceed the site's deductible that was performed by an environmental contractor hired by the petitioner. Beginning in September 2004, the DSCA Program began assigning all site work to its state-lead contractors. However, some claims will be submitted for prioritization assessments conducted by contractors hired by petitioners prior to that time. After subtracting the deductible amount for each of these sites, approximately \$150,000.00 will be reimbursed to these petitioners.

#### (6) RECOMMENDATIONS TO ASSURE THE SOLVENCY OF THE FUND

DENR has no recommendations regarding fund solvency at this time. Prior to passage of statutory amendments to DSCA in 2000 (S.L. 2000-19), it was clear that the fund balance was inadequate to address all of the dry-cleaning sites in the state. However, with the passage of the DSCA Amendments that established a second funding mechanism, the General Assembly took the most important step necessary to assure future fund solvency. With the infusion of the sales tax monies, which began in July 2003, DSCA now appears to have sufficient financial resources to assess and remediate the contaminated dry-cleaning facilities on a priority basis.

The Fiscal Note on the DSCA Amendments (S.L. 2000-19) anticipated that the funding mechanisms would provide the fund with \$8 million to \$10 million annually. As noted above, total collections for FY 2004-05 were approximately \$9.7 million. Therefore, the DSCA Program is solvent.