

**Additional CPC Product Detail
Environmental Consulting, Waste Management, and
Remediation**

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Introduction

The ISIC Revision Concepts paper circulated in early 2003 includes a new grouping for waste management and remediation services. The grouping was proposed in response to the initial questionnaire on issues for consideration in the revision of ISIC and the CPC that was circulated in 2002.

Questionnaire results showed a need for categories dealing with:

- a) Environmental services;
- b) Environmental protection services;
- c) Ecological treatment activities for protecting the environment; and
- d) Categories for treatment of hospital and similar bio-waste.¹

ISIC currently includes these activities in several industries. First, environmental consulting services are included with ISIC 7421, Architectural and engineering activities and related technical consultancy. Other waste management and remediation services are included in Division 90, Sewage and refuse disposal, sanitation, and similar activities and in Division 37, Recycling.

Similar needs exist for the Central Product Classification (CPC). Environmental services such as consulting, planning, waste management and remediation are currently included in the Central Product Classification (CPC) but lack the detail necessary for meaningful evaluation of a variety of environmental actions. The North American Product Classification System (NAPCS), currently under development by Canada, Mexico, and the United States², includes a detailed listing of environmental services that are offered for consideration when developing new detail in the CPC for the 2007 revision.

All current NAPCS product lists include provisional structures, applied for the convenience of the working groups. The proposal in this paper presents aggregates of the provisional structures, grouped for use in the CPC, which can be used to map all of the detailed NAPCS products. The proposal structure does not necessarily agree with the provisional structures in appendices 1 and 2. Additionally, appendices 1 and 2 present entire lists of products that were identified by producers. These lists include the main products of the industries plus additional products that are also provided by units classified to other industries, such as the transportation of waste. The lists will be unduplicated as more sectors of the economy are covered. The proposals for CPC updates do not include products identified as related products that are already included elsewhere in the CPC. Ultimately, the expectation is that there will be an exhaustive and mutually exclusive list of NAPCS products, covering the outputs of NAICS industries.

The NAPCS initiative has not yet developed products for sewage treatment services. As product detail in that area is developed, it will be offered to UNSD for consideration in

¹ A Possible Structure for the Revised International Standard Industrial Classification of All Economic Activities (ISIC) Revision 4, Registry entry 1764, United Nations Statistics Division, May 16, 2003.

² For additional information on NAPCS, www.census.gov/napcs

future revisions of the CPC. At this time, the existing products for water treatment in utilities and sewage treatment in sanitation should remain in those divisions. There is not a request to restructure the CPC in order to bring those products together. While the author feels that a demand oriented structure should be applied to the CPC, the existing structure should be maintained to the extent possible until a comprehensive review and replacement of the CPC structure can be undertaken. There is a need for continuity and a significant restructuring of the CPC should only be undertaken with the expectation that the new structure will be appropriate and useful for a considerable number of years.

Background

The economic size of these environmental activities in the United States is considerable. The 1997 Economic Census provided the following information for the United States:

Environmental Consulting (NAICS 54162)
6725 establishments \$4.8 billion (USD)

Waste Management and Remediation (NAICS 562)
16,368 establishments \$39.3 billion (USD)

The value of environmental consulting, waste management, and remediation services (excluding sewage treatment) in the United States is almost \$45 billion. There are few detailed products in the CPC that can be used to further breakdown that total. The \$45 billion does include the products covered under CPC 942, 9439, and 949, it does not include the products listed under 9431. The \$45 billion also does not include the products of 941, sewage services. Adding sewage services and street cleaning and snow plowing services would add over \$1 billion and 3000 more establishments to the total.

Current CPC Products for Environmental Consulting, Waste Management, and Remediation³

CPC products for Environmental Consulting

83131 – Environmental Consulting Services

CPC products for Waste Management and Remediation

941 Sewage Services

9411 Sewage Treatment Services

94110 Sewage Treatment Services

³ Central Product Classification (CPC) Version 1.0, United Nations Statistical Papers Series M No. 77, Ver.1.0, 1998

9412 Tank Emptying and Cleaning Services
94120 Tank Emptying and Cleaning Services

942 Refuse Disposal Services

9421 Nonhazardous waste collection, treatment, and disposal services
94211 Nonhazardous Waste Collection Services
94212 Nonhazardous Waste Treatment and Disposal Services

9422 Hazardous Waste Collection, Treatment and Disposal Services
94221 Hazardous Waste Collection Services
94222 Hazardous Waste Treatment and Disposal Services

943 Sanitation and Snow Removal Services

9431 Sweeping and Snow Removal Services
94310 Sweeping and Snow Removal Services

9439 Other Sanitation Services
94390 Other Sanitation Services

949 Other Environmental Protection Services n.e.c.
9490 Other Environmental Protection Services n.e.c.
94900 Other Environmental Protection Services n.e.c.

Environmental Consulting

The single CPC product for environmental consulting should be broken out into several new product lines representing some of the major outputs of environmental consulting firms. The NAPCS product list for environmental consulting includes 21 trilateral products.⁴ There are also 15 additional US national products. In general, the national level products address further breakdowns based on the target of the environmental consulting work – air, water, soil, noise, etc.⁵ The following proposal, although assigned CPC based numbers, would require additional structure modification within CPC 8313. Currently 83131, Environment Consulting Services is a product. An aggregate is recommended for environmental consulting with the proposed new details as the five-digit products.

⁴ NAPCS trilateral products are products that are agreed upon by Canada, Mexico, and the United States. Below the trilateral level, each country may recognize additional detail as necessary and appropriate for their respective economies.

⁵ The environmental consulting products identified in the NAPCS development process have not been tested in collection. These products will be used in the 2007 Economic Census and in interim Service Annual Surveys based on funding availability.

NAPCS Based Proposal for expanding the detail for Environmental Consulting

8313 Environmental Consulting Services

83131 Environmental Assessments

83132 Environmental Audits

83133 Site Remediation Planning Services

83134 Evaluation of Environmental Studies

83135 Natural Resource Management Consulting

83136 Waste Management Consulting

83137 Environment Policy Development Consulting and Other Environmental Consulting

These breakouts represent aggregations of the major outputs of units that are engaged in environmental consulting. Definitions for each category are:

83131 Environmental Assessments – Objective studies undertaken for any one or more of the following purposes: identify whether or not environmental contamination exists at a particular site, and if so the source, nature, and extent of the contamination; assess the risk to public safety and health from environmental contamination associated with a project that is proposed or in place; evaluate the impact on the ecology or economy of environmental changes resulting from human or natural activities.

83132 Environmental Audits – Independent assessment of the current status of a party's compliance with applicable environmental requirements or of a party's environmental compliance policies, practices, and controls.

83133 Site Remediation Planning Services – Preparation of plans for the abatement of environmental contamination, usually at a specific site, that incorporate such technical or other requirements as may be prescribed by law or regulation.

83134 Evaluation of Environmental Studies – Provision of analysis that explains the strengths or weaknesses of an environmental study and provides the basis for alternative judgments. The evaluation of environmental studies may also include an analysis of future responses to environmental regulators.

83135 Natural Resource Management Consulting – The provision of objective information, advice, or guidance concerning the best practices for ecologically sustainable development and use of: land; forests; bodies of water; gas, oil, and mineral deposits; wildlife populations; and other natural resources.

83136 Waste Management Consulting – The provision of objective information, advice, or guidance concerning the best practices for the minimization, transport, handling, disposal, and/or recycling of waste.

83137 Environmental Policy Development Consulting and Other Environmental Consulting Services – Advising public or private institutions on the design, development, and implementation of environmental statutes, regulations, standards, or practices; and all other environmental consulting services, not elsewhere classified.

It should be noted that there are a variety of other services provided by environmental consulting establishments that are not environmental consulting products. These include assistance in the environmental licensing and permitting process, litigation support services and expert witness services, training services, etc. that are addressed in other portions of the CPC. The entire list of NAPCS products identified as outputs of environmental consulting establishments is included in appendix 1.

Waste Management and Remediation Services

The nine detailed products in division 94 of the CPC are broken down by NAPCS into over 100 more detailed products. There are two dimensions that are included in those breakouts – location of services and type of material being addressed. This is most likely too much detail for the CPC. Additional detail was collected in the test of these products in the 2002 Economic Census in the United States. The proposal included here attempts to retain the basics of the NAPCS product lists while aggregating to a level more appropriate to the CPC. The entire list of NAPCS products for Waste Management and Remediation Services is included in appendix 2.

A review of the CPC products in division 94 raised some immediate observations and recommendations for clarification even if no additional detail is included. Products in 942, in definitions and in the index items of the CPC, reference the collection and transportation of various wastes. The CPC should address the final outputs of producing units and avoid the trap of including intermediate products – products that are produced and consumed in the provision of other products – within the product definitions. The services provided under the collection products are collection that has a produced and consumed transportation component. The references to collection and transportation may raise confusion regarding units that are simply transporting waste that has been collected by other units. The separate transportation of waste would be classified in Divisions 64 to 66 depending on the mode of transportation. Collection of waste should be emphasized in Division 94 and appropriate cross-references or exclusions for the separate transportation of waste should be added to the CPC text.

Another observation is that remediation activities are not clearly identified in the CPC. There were a number of improvements in the wording for products in this area with CPC Ver.1.1. Subclass 94221 was changed to more clearly identify the collection products that were to be included. The only descriptive language in Version 1.0 was “This subclass includes oil spill fighting services”. That product was moved to subclass 94222 in version 1.1 and 94221 now includes the following descriptive text, “This subclass includes: collection of organic solvents, tires, batteries, nuclear wastes, biohazardous materials, pesticides, herbicides, PCBs, dead stock, etc.” Similar clarifications should be

made to specifically include remediation activities for contaminated sites in the CPC even if no additional product detail is added.

Finally, products that are neither collection nor treatment or disposal, such as the services of waste transfer stations or materials recovery facilities, are not clearly identified in the CPC. The ISIC Rev. 3 index includes materials recovery facilities, hazardous waste transfer stations, and nonhazardous waste transfer stations in 9000. There are no corresponding products in the CPC – they could either be included in 942 or in 949 with Other environmental protection services, n.e.c. Once again, regardless of the addition of detail, classification of these products should be clearly indicated in future versions of the CPC.

The NAPCS based proposal for changes to the products in Division 94 attempts to account for the issues noted above while simultaneously adding important structure and detailed product improvements.⁶ As noted above, no immediate changes for the products of CPC 941 and CPC 943 are being proposed at this time. New numbering has been applied in this proposal in order to avoid using the same numbers for significantly different products in sequential versions of the CPC.

944 Refuse Disposal Services

9441 Nonhazardous Waste Collection

94411 Nonhazardous Waste Collection Services, Residential

94412 Nonhazardous Recyclable Material Collection Services, Residential

94413 Nonhazardous Waste Collection Services, Non-residential

94414 Nonhazardous Recyclable Material Collection Services, Non-residential

9442 Nonhazardous Waste Treatment and Disposal Services

94421 Nonhazardous Waste and Recyclable Materials Consolidation, Storage, and Preparation Services, including Transfer Facility Services

94422 Landfill (except Sanitary Landfill) Services, Nonhazardous Waste

94423 Sanitary Landfill Services, Nonhazardous Waste

94424 Incineration of Nonhazardous Waste

94429 Other Nonhazardous Waste Disposal Services (including maintenance and closure of landfills and other disposal sites, brokerage activities for recyclable materials recovered, sales of compost and other outputs of nonhazardous waste disposal facilities)

9443 Hazardous Waste Collection Services

94431 Hazardous Waste Collection Services, Residential

94432 Hazardous Waste Collection Services, Medical Wastes and Other Biohazardous Wastes

94433 Hazardous Waste Collection Services, Nonresidential (except Medical and Other Biohazardous Waste)

⁶ The waste management and remediation products are currently being tested in the 2002 Economic Census. Detailed product and industry reports are scheduled to be available in 2005. The fielded questionnaire that includes these products is included in appendix 3.

9444 Hazardous Waste Treatment and Disposal Services
94441 Hazardous Waste Consolidation, Storage, and Preparation Services, including Hazardous Waste Transfer Facility Services
94442 Hazardous Waste Treatment Services
94443 Hazardous Waste Disposal Services
94449 Other Hazardous Waste Management Services (including maintenance and closure of disposal facilities, etc.)

945 Site Remediation Clean-up, Control and Monitoring Services
9451 Site Remediation Clean-up Services
94511 Site Remediation Clean-up Services, Air
94512 Site Remediation Clean-up Services, Water
94513 Site Remediation Clean-up Services, Soil
94519 Site Remediation Containment, Control, and Monitoring Services and Other Site Remediation Services, n.e.c.

9452 Building Remediation Services
94520 Building Remediation Services

9459 Other Remediation Services, n.e.c.
94590 Other Remediation Services, n.e.c.

These breakouts represent aggregations of the major outputs of units engaged in providing waste management and remediation services. Definitions of each category are:

94411 Nonhazardous Waste Collection Services, Residential – Collection of nonhazardous waste, garbage, rubbish, refuse, trash, and commingled materials from residential dwellings. Examples of the services include curbside collection, back door collection, or automated collection on a flexible or regular schedule.

94412 Nonhazardous Recyclable Material Collection Services, Residential – Collection of nonhazardous recyclable materials, such as cardboard, paper, plastic, glass, aluminum, steel and organic yard waste from residential dwellings. The recyclable materials may be presorted or commingled. Examples of the services include curbside collection, back door collection, or automated collection on a flexible or regular schedule.

94413 Nonhazardous Waste Collection Services, Nonresidential – Collection of nonhazardous waste, garbage, rubbish, refuse, trash, and commingled materials from nonresidential locations. The collection may be on a regular or flexible schedule.

94414 Nonhazardous Recyclable Material Collection Services, Nonresidential – Collection of nonhazardous recyclable materials, such as cardboard, paper, plastic, glass, aluminum, steel, and other recyclable materials from nonresidential locations. The recyclable materials may be presorted or commingled. Collection services may be on a regular or flexible schedule.

94421 Nonhazardous Waste and Recyclable Materials Consolidation, Storage, and Preparation Services, including Transfer Facility Services – Services involving the consolidation, temporary storage, and preparation of nonhazardous waste and recyclable materials. Services include consolidation and preparation of nonhazardous waste for transportation to an appropriate facility that processes waste. Also includes recovery of recyclable materials and preparation, such as bailing, cleaning, sorting, volume reduction, and similar preparation and consolidation of recyclable materials, for transport.

94422 Landfill (except Sanitary Landfill) Services, Nonhazardous Waste – Disposal of nonhazardous waste on or in a landfill (except sanitary landfill).

94423 Sanitary Landfill Services, Nonhazardous Waste – Disposal of nonhazardous waste on or in a sanitary landfill which meets the sanitary landfill criteria specified by legislation or regulation.

94424 Incineration of Nonhazardous Waste – Incineration of nonhazardous waste in a facility that meets legal standard and requirements for incineration of nonhazardous wastes.

94429 Other Nonhazardous Waste Disposal Services – Other nonhazardous waste disposal services, including maintenance and closure of landfills and similar activities.

94431 Hazardous Waste Collection Services, Residential – Collection of hazardous waste including materials that may be hazardous to human health or the environment that require special handling techniques specified by legislation or regulation.

94432 Hazardous Waste Collection Services, Medical and Other Biohazardous Wastes – Collection of pathological wastes (e.g., anatomical wastes; non-anatomical wastes; sharps wastes, such as needles and scalpels) and other biological-infectious wastes from hospitals, medical practices, dental practices, medical laboratories, and other non-residential locations.

94433 Hazardous Waste Collection Services, Nonresidential (except Medical and Other Biohazardous Wastes) – Collection of hazardous wastes (except medical and biological) that may be hazardous to human health or the environment that require special handling techniques specified by legislation or regulation.

94441 Hazardous Waste Consolidation, Storage, and Preparation Services, including Hazardous Waste Transfer Facility Services - Services involving the consolidation, temporary storage, and preparation of hazardous waste. Services include consolidation and preparation of hazardous waste for transportation to an appropriate facility that processes waste. This product also includes the services of drop off centers, transfer stations, and container stations.

94442 Hazardous Waste Treatment Services – Treatment to reduce, eliminate, or transform hazardous waste. Processes include biological, chemical, and/or physical procedures or incineration. These procedures may lead to a disposable residual or result in the recovery of recyclable material.

94443 Hazardous Waste Disposal Services – Disposal services for hazardous waste at a facility that meets legal standards for the disposal of hazardous waste. Examples include disposal of hazardous waste at approved controlled containment facilities, landfills, and other methods approved for the disposal of hazardous wastes.

94449 Other Hazardous Waste Management Services – Other services related to the management of hazardous waste including the operation, maintenance, closure of hazardous waste disposal facilities, and other hazardous waste management services, n.e.c.

94511 Site Remediation Clean-Up Services, Air – Implementation of an approved plan for the remediation of air on a contaminated site meeting requirements specified by legislation or regulation.

94512 Site Remediation Clean-Up Services, Water – Implementation of an approved plan for the remediation of water on a contaminated site meeting requirements specified by legislation or regulation.

94513 Site Remediation Clean-up Services, Soil – Implementation of an approved plan for the remediation of soil on a contaminated site meeting requirements specified by legislation or regulation.

94519 Site Remediation Containment, Control, and Monitoring Services and Other Site Remediation Services, n.e.c. – operations to prevent additional or wider contamination on the site or prevent movement of uncontrolled contaminants from the site; monitoring the site to determine the effectiveness of remediation activities, controlling access to the contaminated site, and other site remediation services, n.e.c.

94520 Building Remediation Services – Development and implementation of a remediation plan that removes, destroys, contains, or otherwise reduces contaminants, such as asbestos, lead, radon, or other contaminants, in a building.

94590 – Other Remediation Services, n.e.c. – Other remediation services, such as environmental emergency response services and other remediation services, n.e.c.

There is considerable overlap with the products of environmental consulting in the area of waste management and remediation. There are also a number of other products produced by waste management and remediation units. These include decommissioning services, sales of recyclable materials, brokerage services, separate market provided transportation services, and other products covered elsewhere in the CPC.

Conclusion

The NAPCS product development initiative provides a valuable list of products that are offered for consideration when addressing a revision of the current CPC products for environmental consulting, waste management services, and remediation services. Subcommittees in Canada, Mexico, and the United States developed the products jointly⁷ with considerable input from businesses, associations, and academics that provide or study these services.

There is an inherent difficulty in making a distinction between hazardous and nonhazardous waste. Various nations have different regulations and laws relating to hazardous wastes. The United States, Canada, and Mexico were able to reach consensus on the definitions of hazardous and nonhazardous wastes with the help of industry experts and a review of relevant legislation in each country. The proposal included in this paper minimizes the problem by defining hazardous and nonhazardous wastes by example and reference to applicable laws and regulations rather than strict content (with the exception of medical and biohazardous wastes which is included separately under hazardous waste because of the interest expressed in the ISIC concepts paper responses).

This proposal represents a more appropriate level of detail for environmental services in the product classification acknowledging the growing interest in this subject throughout the world. Any recommendations or alternatives to this proposal are welcomed.

⁷ I wish to offer special thanks to the subcommittee chairs responsible for the development of the products that form the basis for this proposal. Subcommittee chairs for waste management and remediation: United States – Bill Donnelly, International Trade Commission; Eli Serrano, US Bureau of the Census; Canada - Shirley Beyer; Mexico - Hector Young Betancourt. Subcommittee chairs for environmental consulting: United States – Susan Powers, Bureau of Labor Statistics; Canada – Johanne Pineau; and Mexico – Eva Castillo Navarrete.

Appendix 1 - Environmental Consulting Products

1	2	3	4	5	6	7	8
Industry Subject	Working Group	Tri-lateral	National			English Title	English Definition
			Can	Méx	US		
54162	1.0					Environmental Consulting	The provision of objective information, advice, and guidance to clients concerning the preservation of air, water, and soil quality; natural resource development; waste management; pollution control; and other environmental issues. This service may involve the sale or transfer of technology to a client, and often extends to assisting the client to organize and monitor the implementation of solutions. Services that involve stand-alone implementation are classified to an operational area such as engineering, remediation, construction, or project management.
54162	1.1					Environmental Assessments	Objective studies undertaken for any one or more of the following purposes: identify whether or not environmental contamination exists at a particular site, and if so, determine the source, nature, and extent of the contamination; assess the risk to public health and safety from environmental contamination associated with a project that is proposed or in place; evaluate the impact on the ecology, society, or economy of environmental contamination resulting from human or natural activity.
54162	1.1.1	X				Environmental Assessments, Integrated	Objective studies undertaken for any one or more of the following purposes: identify whether or not contamination of two or more environmental media (air, water, soil, noise) exists at a particular site, and if so, determine the source, nature, and extent of the contamination; assess the risk to public health and safety from the contamination of two or more environmental media associated with a project that is proposed or in place; evaluate the impact on the ecology, society, or economy of contamination of two or more environmental media resulting from human or natural activity.
54162	1.1.1.1			X		Site Assessments, Integrated	An objective study undertaken in order to identify the existence of contamination to two or more media (air, water, soil, noise) on a site. If the area is found to be contaminated, a review of the source, nature, and extent of the contamination is performed.
54162	1.1.1.2			X		Risk Assessments, Integrated	A detailed quantitative and/or qualitative evaluation of the potential for harm to result from an actual or proposed activity at a site, such as processes or equipment in use, spills, fires, explosions in facilities, flights, or as a result of a natural phenomenon. Often includes computer modeling services. Assessments classified in this group are performed to evaluate the risk for two or more media (air, water, soil, noise).
54162	1.1.1.3			X		Environmental Impact Assessments, Integrated	A detailed characterization of the manner in which a specified area will be affected by a proposed project or any other external change. This often includes an evaluation of the ecological, societal, and economic effects of the change that is being studied, and the provision of potential strategies to minimize harm. May include both the assessment and the preparation and filing of an environmental impact statement required for regulatory approval. Assessments classified in this group are performed to evaluate the impact upon two or more media (air, water, soil, noise).
54162	1.1.2	X				Environmental Assessments, Air	Objective studies undertaken for any one or more of the following purposes: identify whether or not air contamination (including indoor air and outdoor air) exists at a particular site, and if so, determine the source, nature, and extent of the contamination; assess the risk to public health and safety from air contamination associated with a project that is proposed or in place; evaluate the impact on the ecology, society, or economy of air contamination resulting from human or natural activity.
54162	1.1.2.1		X		X	Environmental Assessments, Indoor Air	Objective studies undertaken for any one or more of the following purposes: identify whether or not indoor air contamination exists at a particular site, and if so, determine the source, nature, and extent of the contamination; assess the risk to public health and safety from indoor air contamination associated with a project that is proposed or in place; evaluate the impact on the ecology, society, or economy of indoor air contamination resulting from human or natural activity.
54162	1.1.2.2		X		X	Environmental Assessments, Outdoor Air	Objective studies undertaken for any one or more of the following purposes: identify whether or not outdoor air contamination exists at a particular site, and if so, determine the source, nature, and extent of the contamination; assess the risk to public health and safety from outdoor air contamination associated with a project that is proposed or in place; evaluate the impact on the ecology, society, or economy of outdoor air contamination resulting from human or natural activity.
54162	1.1.2.3			X		Site Assessments, Air	An objective study undertaken in order to identify whether or not air contamination exists on a site. If the area is found to be contaminated, a review of the source, nature, and extent of the contamination is performed.
54162	1.1.2.4			X		Risk Assessments, Air	A detailed quantitative and/or qualitative evaluation of the potential for harm to the air within or surrounding a piece of property to result from an actual or potential release of chemicals or pathogens. Often includes computer modeling services.
54162	1.1.2.5			X		Environmental Impact Assessments, Air	A detailed characterization of the manner in which a specified area of air will be affected by a proposed project or any other external change. This often includes an evaluation of the ecological, societal, and economic effects of the change that is being studied, and the provision of potential strategies to minimize harm. May include both the assessment and the preparation and filing of an environmental impact statement required for regulatory approval.
54162	1.1.3	X				Environmental Assessments, Water	Objective studies undertaken for any one or more of the following purposes: identify whether or not water contamination (surface water and groundwater) exists at a particular site, and if so, determine the source, nature, and extent of the contamination; assess the risk to public health and safety from water contamination associated with a project that is proposed or in place; evaluate the impact on the ecology, society, or economy of water contamination resulting from human or natural activity.

Appendix 1 - Environmental Consulting Products

1	2	3	4	5	6	7	8
Industry Subject	Working Group	Tri-lateral	National			English Title	English Definition
			Can	Méx	US		
54162	1.1.3.1		X		X	Environmental Assessments, Surface Water	Objective studies undertaken for any one or more of the following purposes: identify whether or not surface water contamination exists at a particular site, and if so, determine the source, nature, and extent of the contamination; assess the risk to public health and safety from surface water contamination associated with a project that is proposed or in place; evaluate the impact on the ecology, society, or economy of surface water contamination resulting from human or natural activity.
54162	1.1.3.2		X		X	Environmental Assessments, Groundwater	Objective studies undertaken for any one or more of the following purposes: identify whether or not groundwater contamination exists at a particular site, and if so, determine the source, nature, and extent of the contamination; assess the risk to public health and safety from groundwater contamination associated with a project that is proposed or in place; evaluate the impact on the ecology, society, or economy of groundwater contamination resulting from human or natural activity.
54162	1.1.3.3			X		Site Assessments, Water	An objective study undertaken in order to identify whether or not water contamination exists on a site. If the area is found to be contaminated, a review of the source, nature, and extent of the contamination is performed.
54162	1.1.3.4			X		Risk Assessments, Water	A detailed quantitative and/or qualitative evaluation of the potential for harm to a specified area of water to result from an actual or potential release of chemicals or pathogens. Often includes computer modeling services.
54162	1.1.3.5			X		Environmental Impact Assessments, Water	A detailed characterization of the manner in which a specified area of water will be affected by a proposed project or any other external change. This often includes an evaluation of the ecological, societal, and economic effects of the change that is being studied, and the provision of potential strategies to minimize harm. May include both the assessment and the preparation and filing of an environmental impact statement required for regulatory approval.
54162	1.1.4	X				Environmental Assessments, Soil	Objective studies undertaken for any one or more of the following purposes: identify whether or not soil contamination exists at a particular site, and if so, determine the source, nature, and extent of the contamination; assess the risk to public health and safety from soil contamination associated with a project that is proposed or in place; evaluate the impact on the ecology, society, or economy of soil contamination resulting from human or natural activity.
54162	1.1.4.1			X		Site Assessments, Soil	An objective study undertaken in order to identify the existence of soil contamination on a site. If the area is found to be contaminated, a review of the source, nature, and extent of the contamination is performed.
54162	1.1.4.2			X		Risk Assessments, Soil	A detailed quantitative and/or qualitative evaluation of the potential for harm to a specified area of soil to result from an actual or potential release of chemicals or pathogens. Often includes computer modeling services.
54162	1.1.4.3			X		Environmental Impact Assessments, Soil	A detailed characterization of the manner in which a specified area of soil will be affected by a proposed project or any other external change. This often includes an evaluation of the ecological, societal, and economic effects of the change that is being studied, and the provision of potential strategies to minimize harm. May include both the assessment and the preparation and filing of an environmental impact statement required for regulatory approval.
54162	1.1.5	X				Environmental Assessments, Noise	Objective studies undertaken for any one or more of the following purposes: identify whether or not noise contamination exists at a particular site, and if so, determine the source, nature, and extent of the contamination; assess the risk to public health and safety from noise contamination associated with a project that is proposed or in place; evaluate the impact on the ecology, society, or economy of noise contamination resulting from human or natural activity.
54162	1.2					Environmental Audits	An independent assessment of the current status of a party's compliance with applicable environmental requirements or of a party's environmental compliance policies, practices, and controls.
54162	1.2.1	X				Environmental Audits, Integrated	An independent assessment of the current status of a party's compliance with applicable environmental requirements or of a party's environmental compliance policies, practices, and controls, with respect to the quality of multiple (two or more) environmental media (air, water, soil, noise.)
54162	1.2.2	X				Environmental Audits, Air	An independent assessment of the current status of a party's compliance with applicable environmental requirements or of a party's environmental compliance policies, practices, and controls, with respect to air quality.
54162	1.2.2.1		X		X	Environmental Audits, Indoor Air	An independent assessment of the current status of a party's compliance with applicable environmental requirements or of a party's environmental compliance policies, practices, and controls, with respect to indoor air quality.
54162	1.2.2.2		X		X	Environmental Audits, Outdoor Air	An independent assessment of the current status of a party's compliance with applicable environmental requirements or of a party's environmental compliance policies, practices, and controls, with respect to outdoor air quality.
54162	1.2.3	X				Environmental Audits, Water	An independent assessment of the current status of a party's compliance with applicable environmental requirements or of a party's environmental compliance policies, practices, and controls, with respect to water quality.
54162	1.2.3.1		X		X	Environmental Audits, Surface Water	An independent assessment of the current status of a party's compliance with applicable environmental requirements or of a party's environmental compliance policies, practices and controls, with respect to surface water quality.
54162	1.2.3.2		X		X	Environmental Audits, Ground Water	An independent assessment of the current status of a party's compliance with applicable environmental requirements of a party's environmental compliance policies, practices and controls, with respect to groundwater quality.

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Industry Subject	Working Group	Tri-lateral	National			English Title	English Definition
			Can	Méx	US		
54162	1.2.4	X				Environmental Audits, Soil	An independent assessment of the current status of a party's compliance with applicable environmental requirements or of a party's environmental compliance policies, practices, and controls, with respect to the environmental quality of a specified area of land.
54162	1.2.5	X				Environmental Audits, Noise	An independent assessment of the current status of a party's compliance with applicable environmental requirements or of a party's environmental compliance policies, practices, and controls, with respect to levels of noise and vibration.
54162	1.3					Site Remediation Planning Services	Preparation of a plan for the abatement of environmental contamination, usually at a specific site, and incorporating such technical or other criteria as may be prescribed by law or regulation.
54162	1.3.1	X				Site Remediation Planning Services, Integrated	Preparation of a plan for the abatement of multiple (two or more) environmental media (air, water, soil, noise) contamination, usually at a specific site, and incorporating such technical or other criteria as may be prescribed by law or regulation.
54162	1.3.2	X				Site Remediation Planning Services, Air	Preparation of a plan for the abatement of air contamination, usually at a specific site, and incorporating such technical or other criteria as may be prescribed by law or regulation.
54162	1.3.2.1		X		X	Site Remediation Planning Services, Indoor Air	Preparation of a plan for the abatement of indoor air contamination, usually at a specific site, and incorporating such technical or other criteria as may be prescribed by law or regulation.
54162	1.3.2.2		X		X	Site Remediation Planning Services, Outdoor Air	Preparation of a plan for the abatement of outdoor air contamination, usually at a specific site, and incorporating such technical or other criteria as may be prescribed by law or regulation.
54162	1.3.3	X				Site Remediation Planning Services, Water	Preparation of a plan for the abatement of water contamination, usually at a specific site, and incorporating such technical or other criteria as may be prescribed by law or regulation.
54162	1.3.3.1		X		X	Site Remediation Planning Services, Surface Water	Preparation of a plan for the abatement of surface water contamination, usually at a specific site, and incorporating such technical or other criteria as may be prescribed by law or regulation.
54162	1.3.3.2		X		X	Site Remediation Planning Services, Groundwater	Preparation of a plan for the abatement of groundwater contamination, usually at a specific site, and incorporating such technical or other criteria as may be prescribed by law or regulation.
54162	1.3.4	X				Site Remediation Planning Services, Soil	Preparation of a plan for the abatement of soil contamination, usually at a specific site, and incorporating such technical or other criteria as may be prescribed by law or regulation.
54162	1.3.5	X				Site Remediation Planning Services, Noise	Preparation of a plan for the abatement of noise and vibration, usually at a specific site, and incorporating such technical or other criteria as may be prescribed by law or regulation.
54162	1.4	X				Evaluation of Environmental Studies	Provision of an analysis that explains the strengths and weaknesses of an environmental study, and provides the basis for alternative judgements. May also include an analysis of possible future responses of regulators.
54162	1.5	X				Natural Resource Management Consulting	The provision of objective information, advice, and guidance concerning the best practices for the ecologically sustainable development and use of land and forests; bodies of water; oil, gas, and mineral deposits; wildlife populations; and other natural resources. Excludes the provision of natural resource management services, which are covered by Product 3.17, Natural Resource Management Services.
54162	1.6					Waste Management Consulting	The provision of objective information, advice, and guidance concerning the best practices for the minimization, transport, handling, disposal, and/or recycling of waste.
54162	1.6.1	X				Hazardous Waste Management Consulting	The provision of objective information, advice, and guidance concerning the best practices for the minimization, transport, handling, disposal, and/or recycling of hazardous waste.
54162	1.6.2	X				Non-hazardous Waste Management Consulting	The provision of objective information, advice, and guidance concerning the best practices for the minimization, transport, handling, disposal, and/or recycling of non-hazardous waste.
54162	1.7	X				Environmental Policy Development Consulting	Advising public or private institutions on the design, development, and implementation of environmental statutes, regulations, standards, or practices. Consulting services of this type may extend to the drafting of such statutes, regulations, standards or practices on behalf of the client.
54162	1.8	X				Other Environmental Consulting	All other advisory services not elsewhere classified that are provided by environmental consultants.
54162	1.8.1			X		Civil Protection Programs	Development of a program that establishes procedures designed to protect and assist people in the case of emergencies.
54162	1.8.2			X		Accident Prevention Programs	Development of a program of accident prevention in order to protect the workers, the population and the natural resources.
54162	1.8.9			X		Other Environmental Consulting, n.e.c	All other advisory services, except civil protection programs and accident prevention programs, not elsewhere classified that are provided by environmental consultants.
54162	2.0					Other Services	Other services provided by environmental consultants, such as: environmental licensing and permitting; litigation support; expert witness testimony; alternative dispute resolution; training; and sustainable ecological development studies.
54162	2.1	X				Environmental Licensing and Permitting	Preparing and filing applications, reports, and other documents required for statutory or regulatory approval, permitting, or certification of projects that impact the environment. This service may also include negotiation or appeal of the conditions of a license or permit granted to or sought by a client. Excludes the preparation and filing of environmental impact statements, which is classified under environmental assessments.

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1 Industry Subject	2 Working Group	3 Tri- lateral	4 5 6 National			7 English Title	8 English Definition
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54162	2.2	X				Litigation Support Services, Environmental	Assisting legal counsel and others that are engaged in or party to a civil suit involving environmental issues to acquire, organise, analyse, and present evidence before a court or other body competent to dispose of such cases. Examples of support services include discovery assistance; legal document preparation; electronic briefs; identification of experts; litigation-related information management; legal photocopying; transcript and deposition services; and trial graphics and presentation services. Excludes Expert Witness Testimony Services which are classified under Product 2.3, Expert Witness Testimony Services, Environmental. Excludes Alternative Dispute Resolution Services which are covered under Product 2.4, Alternative Dispute Resolution Services, Environmental. Excludes legal and paralegal services, which are classified under Product x.x (Note: these services are not yet classified).
54162	2.3	X				Expert Witness Testimony Services, Environmental	The provision of testimony by a witness who, by virtue of experience, training, skill or knowledge of environmental issues, is recognized as being qualified to render an informed opinion on such matters.
54162	2.4	X				Alternative Dispute Resolution Services, Environmental	The provision of third-party mediation or arbitration to assist the parties to a dispute to reach a contractual resolution without resort to a formal legal process.
54162	2.5	X				Training Services, Environmental	This service consists primarily of conducting environmental, and occupational health and safety training programs, or of designing and developing training programs of this type.
54162	2.6	X				Other Services, n.e.c	Includes other services of environmental consulting firms, not elsewhere classified. Includes sustainable ecological development studies.
54162	2.6.1				X	Sustainable Ecological Development Studies	Conducting studies of the environment in a specific geographical location, in order to establish policies for the optimal use and preservation of the natural resources with relation to the social and economic development of the region.
54162	2.6.9				X	Other Services, except Sustainable Ecological Development Studies, n.e.c	Includes other services of environmental consulting firms, not elsewhere classified. Excludes sustainable ecological development studies, which are covered in product 2.6.1, Sustainable Ecological Development Studies.
54162	3.0					Related Services	Services provided by environmental consulting firms which are primary to other industries and produced as a secondary product by environmental consulting firms.
54162	3.1	X				Engineering Services (NAICS 54133, selected products with identical titles and definitions)	All engineering services related to wastewater collection and treatment projects; stormwater management projects; hazardous waste remediation projects; and industrial waste collection, treatment and disposal projects. Includes stand-alone solution implementation services as well as full-service provision of advice, guidance and solution implementation services for a single fee. Excludes provision of advice and guidance only, which is covered in products 1.0 through 1.10. (NAICS 54133, products 1.5.1.1, Wastewater Collection and Treatment Projects; 1.5.1.2, Stormwater Management Projects; 1.8.1, Hazardous Waste Remediation Projects; 1.8.2, Industrial Waste Collection, Treatment, and Disposal Projects; with identical titles and definitions.)
54162	3.1.1	X				Wastewater Collection and Treatment Projects (NAICS 54133, product 1.5.1.1)	All engineering services related to systems for the collection, treatment, and disposal of wastewater. (NAICS 54133, product 1.5.1.1, identical title and definition)
54162	3.1.2	X				Stormwater Management Projects (NAICS 54133, product 1.5.1.2)	All engineering services related to systems for stormwater management, including drainage and detention systems. Also includes dams used primarily for flood control. (NAICS 54133, product 1.5.1.2, identical title and definition)
54162	3.1.3	X				Hazardous Waste Remediation Projects (NAICS 54133, product 1.8.1)	All engineering services related to programs for hazardous waste remediation. Examples include management of nuclear waste, chemical agent destruction, brownfield redevelopment, groundwater modeling, and contaminated site remediation. (NAICS 54133, product 1.8.1, identical title and definition)
54162	3.1.4	X				Industrial Waste Collection, Treatment, and Disposal Projects (NAICS 54133, product 1.8.2)	All engineering services related to programs for the collection, treatment, recycling, and disposal of industrial air, water and solid wastes, generally to a level such that the remaining waste stream can be safely released to the natural environment or ordinary municipal systems. (NAICS 54133, product 1.8.2, identical title and definition)
54162	3.2	X				Site Remediation Clean-up Services (NAICS 562, includes products 3.1.3, 3.1.3.1, 3.1.3.2, 3.1.3.2.1, 3.1.3.2.2, 3.1.3.3, 3.1.3.3.1, 3.1.3.3.2, 3.1.3.4)	(COMMENT: Services identical to those described by the referenced products are provided by establishments in NAICS 54162.) ((NAICS 562, includes products 3.1.3, 3.1.3.1, 3.1.3.2, 3.1.3.2.1, 3.1.3.2.2, 3.1.3.3, 3.1.3.3.1, 3.1.3.3.2, 3.1.3.4, identical titles and definitions)
54162	3.3	X				Control, Containment, and Monitoring Services (NAICS 562, includes products 3.1.4, 3.1.4.1, 3.1.4.2, 3.1.4.3, 3.1.4.4, 3.1.4.5, 3.1.4.6, 3.1.4.7)	(COMMENT: Services identical to those described by the referenced products are provided by establishments in NAICS 54162.) (NAICS 562, product 3.1.4, 3.1.4.1, 3.1.4.2, 3.1.4.3, 3.1.4.4, 3.1.4.5, 3.1.4.6, 3.1.4.7, identical titles and definitions)
54162	3.4	X				Building Remediation Services (NAICS 562, includes products 3.2, 3.2.1, 3.2.2, 3.2.3, 3.2.4)	(COMMENT: Services identical to those described by the referenced products are provided by establishments in NAICS 54162.) (NAICS 562, includes products 3.2, 3.2.1, 3.2.2, 3.2.3, 3.2.4, identical titles and definitions)

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1	2	3	4	5	6	7	8
Industry Subject	Working Group	Tri-lateral	National			English Title	English Definition
			Can	Méx	US		
54162	3.5	X				(Environmental Contingency and Emergency Response Planning and Implementation Services) (NAICS 562, product 3.3, proposed new title and definition)	(Development of rapid response plans and/or implementation of rapid response activities to deal with various types of environmental disasters, such as fuel and chemical spills and incidents involving dangerous goods and hazardous materials.) (NAICS 562, product 3.3, proposed new title and definition) (Comment: new title and definition proposed to broaden original 562 product to include contingency planning services)
54162	3.5.1	X				(Environmental Contingency and Emergency Response Planning Services) (NAICS 562, product 3.3.1, proposed new title and definition)	(Development of rapid response plans to deal with various types of environmental disasters, such as fuel and chemical spills and incidents involving dangerous goods or hazardous materials.) (NAICS 562, product 3.3.1, proposed new title and definition) (Comment: new title and definition proposed to broaden original 562 product to include contingency planning services)
54162	3.5.2	X				Environmental Emergency Response Services, Petroleum and Oil-based Spills (NAICS 562, product 3.3.2, identical title and definition)	Implementation of a rapid response to an environmental emergency arising from an abnormal or unusual discharge of petroleum based material or oil from or out of a structure, vehicle, or other container. (NAICS 562, product 3.3.2, identical title and definition)
54162	3.5.3	X				Environmental Emergency Response Services, Mine Spills (NAICS 562, product 3.3.3, identical title and definition)	Implementation of a rapid response to an environmental emergency arising from an abnormal or unusual discharge related to a mining operation. (NAICS 562, product 3.3.3, identical title and definition)
54162	3.5.4	X				(Environmental Contingency and Emergency Response Planning and Implementation Services, n.e.c) (NAICS 562, product 3.3.4, proposed new title and definition)	(Development of rapid response plans and/or implementation of rapid response activities to deal with various types of environmental disasters, such as fuel and chemical spills and incidents involving dangerous goods and hazardous materials, n.e.c) (NAICS 562, product 3.3.4, proposed new title and definition) (Comment: new title and definition proposed to broaden original 562 product to include contingency planning services)
54162	3.6	X				Environmental Studies and Reports	Conducting long-term environmental research studies for the purpose of developing further knowledge on a specific environmental topic and preparing a research report.
54162	3.7	X				Project Management Services, Environmental	Planning, supervising, and coordinating the activities involved in carrying out a project, with regard to time, cost, performance requirements, and other constraints. May also include the arranging of financing for a project, and procurement of equipment and subcontractors. This product refers only to those situations in which project management is offered as a stand-alone service.
54162	3.8	X				Construction Management Services	Planning, supervising, and coordinating the work of tradesmen, laborers, and contractors on a construction site.
54162	3.9	X				Research and Development Services in the Physical, Engineering and Life Sciences (NAICS 54171, not yet classified)	Conducting original investigations undertaken on a systematic basis to gain new knowledge (research) and/or the application of research findings or other scientific knowledge for the creation of new or significantly improved products or processes (experimental development). (NAICS 54171, draft definition, not yet classified.)
54162	3.10	X				Full Public Relations Services (NAICS 54181, Product 5, identical title and definition)	Developing and implementing a communications strategy with various target sectors of the public to influence their attitudes and opinions in the interest of promoting a person, product, place or idea. Various sectors of the public includes community groups, constituents, minority groups, employees, investors, etc. (NAICS 54181, Product 5, identical title and definition)
54162	3.11	X				Integrated Surveying and Mapping Services (NAICS 54137, product 4, identical title and definition)	Acquisition of data and information about real property and/or the earth's surface, and the subsequent portrayal of this information in report, map or plat format. (NAICS 54137, product 4, identical title and definition)
54162	3.12	X				Geographic Information System Development and Customization (NAICS 54137, product 6, identical title and definition)	Design, development, modification and customization of a geospatially-referenced information system. (NAICS 54137, product 6, identical title and definition)

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1	2	3	4	5	6	7	8
Industry Subject	Working Group	Tri-lateral	National			English Title	English Definition
			Can	Méx	US		
54162	3.13	X				Urban Planning Products (NAICS 54131/2, product 3, identical title and definition)	Urban planning services develop plans for the use of land, in order to achieve a community's objectives for a built and natural environment that is esthetically pleasing, efficient and functional. Urban plans express public policies related to land use and development, as expressed by municipalities or other levels of governments. They provide a framework within which the plans for actual projects can be developed. Excludes the design of site master plans for actual construction projects (classified in NAICS 54131/2, product 4, Project Site Master Planning Products). (NAICS 54131/2, product 3, identical title and definition)
54162	3.14	X				Testing Laboratory Services (NAICS 54138)	(Comment: Services referenced by this product are identical to those provided by establishments in NAICS 54138.)
54162	3.15	X				Custom Application Design and Development Services (NAICS 5112, Product 1.2.1, identical title, proposed new definition)	This service consists of designing the structure and/or writing the computer code necessary to create and/or implement a custom software application. (NAICS 5112, Product 1.2.1, identical title, proposed new definition) NOTE: The 5112 definition of 1.2.1 needs to be modified to include the qualifying term "custom." Also, 1.2.1 is broken into two detailed products, one covering custom web-site applications and one covering custom database applications. A third product, covering custom applications other than web-site and database needs to be added. The definitions of these more detailed products should also reflect the "custom" nature of these services.
54162	3.16	X				Sale of Environmental Software	Sale of packaged software designed for environmental uses.
54162	3.17	X				Natural Resource Management Services	Administering natural resource management agreements covering the development and use of land and forests; bodies of water; oil, gas, and mineral deposits; wildlife populations; and other natural resources that are owned or controlled by a client. Excludes advisory services concerning the use or development of natural resources that do not extend to resource management. These advisory services are covered by Product 1.5, Natural Resource Management Consulting.

Appendix 2-Waste Management Products.xls

1 Industry Subject	2 Working Group	3 Tri- lateral	4 5 6 National			7 English Title	8 English Definition
			Can	M�x	US		
562	1					Non-hazardous waste management	Non-hazardous waste management
562	1.1					Non-hazardous waste and recyclable material collection services	Collection and subcontracted collection services for non-hazardous waste , garbage, rubbish, refuse and trash from residential and non-residential locations and may include recyclable material.
562	1.1.1	X				Non-hazardous waste and recyclable material subcontracted collection services	Subcontracted collection services for non-hazardous waste, garbage, rubbish, refuse, and trash. Waste may be collected from residential and non-residential locations and may include recyclable material. The waste is taken to the location specified by the contractor who pays for its disposal.
562	1.1.2					Non-hazardous waste and recyclable material collection services, residential	Collection of non-hazardous waste, garbage, rubbish, refuse, trash, commingled , recyclable or pre-sorted material, residential. Waste may be collected on a regular or flexible schedule.
562	1.1.2.1	X				Non-hazardous waste collection services, residential	Collection of non-hazardous waste, garbage, rubbish, refuse, trash and commingled material from dwellings, including apartment buildings and condominiums. Examples of collection methods are: curbside collection, back door pick-up, and automated collection. Waste may be taken to an intermediate site or to a final disposal site. Waste may be collected on a regular or flexible schedule.
562	1.1.2.2	X				Non-hazardous recyclable material collection services, residential	Collection of non-hazardous recyclable material, e.g., cardboard, paper, plastics, metals, glass, organic waste, from dwellings, including apartment buildings and condominiums. Examples of collection methods are curbside collection, back door pick-up, and automated collection. Recyclable material may be taken to an intermediate site such as a material recovery facility or transfer facility. Recyclable material may be collected on a regular or flexible schedule.
562	1.1.2.3	X				Non-hazardous waste and recyclable material collection services, pre-sorted, residential	Collection of pre-sorted non-hazardous waste, garbage, rubbish, refuse, trash and recyclable material, e.g., cardboard, paper, plastics, metals, glass, organic waste, from dwellings, including apartment buildings and condominiums. Examples of collection methods are: curbside collection, back door pick-up, and automated collection. Waste may be taken to an intermediate site or to a final disposal site. Recyclable material may be taken to an intermediate site such as a material recovery facility or transfer facility. Waste and recyclable material may be collected on a regular or flexible schedule.
562	1.1.3					Non-hazardous waste and recyclable material collection services, non-residential	Collection services of non-hazardous waste and recyclable materials, non-hazardous pre-sorted recyclable materials , non-residential
562	1.1.3.1	X				Non-hazardous waste collection services, non-residential	Collection of non-hazardous waste, garbage, rubbish, refuse, trash and commingled material from sources such as heavy and light industry, manufacturing, agriculture, warehousing, transportation, retail and wholesale commercial activities, restaurants, offices, educational or recreational facilities, health and other service facilities. Waste may be taken to an intermediate site or to a final disposal site. Waste may be collected on a regular or flexible schedule.
562	1.1.3.1.1				X	Non-hazardous waste collection services, industrial locations	Collection of non-hazardous waste, garbage, rubbish, refuse, trash and commingled material from heavy and light industry and manufacturing. Waste may be taken to an intermediate site or to a final disposal site. Waste may be collected on a regular or flexible schedule.
562	1.1.3.1.2		X		X	Non-hazardous waste collection services, commercial, institutional, agricultural, service locations, and other non-industrial locations	Collection of non-hazardous waste, garbage, rubbish, refuse, trash and commingled material from sources such as agriculture, warehousing, transportation, retail and wholesale commercial activities, restaurants, offices, educational or recreational facilities, health and other service facilities. Waste may be taken to an intermediate site or to a final disposal site. Waste may be collected on a regular or flexible schedule.
562	1.1.3.2	X				Non-hazardous recyclable material collection services, non-residential	Collection of non-hazardous recyclable material, e.g., cardboard, paper, plastics, metals, glass, organic waste, from sources such as heavy and light industry, manufacturing, agriculture, warehousing, transportation, retail and wholesale commercial activities, restaurants, offices, educational or recreational facilities, health and other service facilities. Recyclable material may be taken to an intermediate site such as a material recovery facility or transfer facility. Recyclable material may be collected on a regular or flexible schedule.
562	1.1.3.2.1		X		X	Non-hazardous recyclable material collection services, industrial locations	Collection of non-hazardous recyclable material, e.g., cardboard, paper, plastics, metals, glass, organic waste, from heavy and light industry and manufacturing. Recyclable material may be taken to an intermediate site such as a material recovery facility or transfer facility. Recyclable material may be collected on a regular or flexible schedule.
562	1.1.3.2.2		X		X	Non-hazardous recyclable material collection services, commercial, institutional, agricultural, service locations, and other non-industrial locations	Collection of non-hazardous recyclable material, e.g., cardboard, paper, plastics, metals, glass, organic waste, from sources such as agriculture, warehousing, transportation, retail and wholesale commercial activities, restaurants, offices, educational or recreational facilities, health and other service facilities. Recyclable material may be taken to an intermediate site such as a material recovery facility or transfer facility. Recyclable material may be collected on a regular or flexible schedule.
562	1.1.3.3	X				Non-hazardous waste and recyclable material collection services, pre-sorted, non-residential	Collection of pre-sorted non-hazardous waste, garbage, rubbish, refuse, trash and recyclable material, e.g., cardboard, paper, plastics, metals, glass, organic waste, from sources such as heavy and light industry, manufacturing, agriculture, warehousing, transportation, retail and wholesale commercial activities, restaurants, offices, educational or recreational facilities, health and other service facilities. Waste may be taken to an intermediate site or to a final disposal site. Recyclable material may be taken to an intermediate site such as a material recovery facility or transfer facility. Waste and recyclable material may be collected on a regular or flexible schedule.
562	1.1.3.3.1				X	Non-hazardous waste and recyclable material collection services, pre-sorted, industrial locations	Collection of pre-sorted non-hazardous waste, garbage, rubbish, refuse, trash material and recyclable material, e.g., cardboard, paper, plastics, metals, glass, organic waste, pre-sorted, from heavy and light industry and manufacturing. Waste may be taken to an intermediate site or to a final disposal site. Recyclable material may be taken to an intermediate site such as a material recovery facility or transfer facility. Waste and recyclable material may be collected on a regular or flexible schedule.

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1 Industry Subject	2 Working Group	3 Tri- lateral	4 5 6 National			7 English Title	8 English Definition
			Can	Méx	US		
562	1.1.3.3.2		X		X	Non-hazardous waste and recyclable material collection services, pre-sorted, commercial, institutional, agricultural, service locations, and other non-industrial locations	Collection of pre-sorted non-hazardous waste, garbage, rubbish, refuse, trash and recyclable material, e.g., cardboard, paper, plastics, metals, glass, organic waste, from sources such as agriculture, warehousing, transportation, retail and wholesale commercial activities, restaurants, offices, educational or recreational facilities, health and other service facilities. Waste may be taken to an intermediate site or to a final disposal site. Recyclable material may be taken to an intermediate site such as a material recovery facility or transfer facility. Waste and recyclable material may be collected on a regular or flexible schedule.
562	1.1.4	X				Non-hazardous waste collection services, construction and demolition	Collection of non-hazardous waste such as brush and debris from the construction, demolition and renovation of buildings, bridges, roads and ports and the clearing of land. Waste may be taken to an intermediate site or to a final disposal site.
562	1.1.5					Non-hazardous waste destruction services	Destruction services of non-hazardous waste by means of special equipment and the total destruction of other diverse non-hazardous products.
562	1.1.5.1	X				Destruction services for documents or files	Destruction of confidential documents, such as accounting, human resources or insurance files, by means of special equipment. This service may or may not include the collection of these documents or files.
562	1.1.5.2	X				Destruction services for other diverse non-hazardous products	Total destruction of products that do not fulfill the suitable quality standards, have reached their expiry date, or simply, it is determined that they do not come out to the market. Some examples are canned and/or bottled marmalades and syrups, footwear soles, diverse raw materials, obsolete or defective equipment, etc. This service may or may not include the collection of these products.
562	1.1.6					Other non-hazardous waste collection services	
562	1.1.6.1	X				Urban sweeping services	Cleaning of roads and plazas according to the needs and characteristics of each municipality with frequencies and schedules determined by the municipality.
562	1.1.6.2	X				Non-hazardous waste management services, parks, special event venues	Coordination services of restroom facilities and non-hazardous waste collection for parks, recreational areas, construction sites, and special events. Examples of services are the placement and maintenance of portable toilets and waste containers.
562	1.1.6.3	X				Non-hazardous waste holding and drain facilities cleaning and maintenance services	Pumping and cleaning of catch basins and other non-hazardous holding facilities and cleaning and rodding of drains and sewers, excluding transfer stations.
562	1.1.6.4	X				Septic tank maintenance services	Pumping and cleaning of septic tanks and cesspools.
562	1.1.6.5	X				Portable toilets rental services	Rental, maintenance, and pumping of portable toilets.
562	1.1.6.6	X				Non-hazardous waste collection services, n.e.c.	Collection of non-hazardous waste, not elsewhere classified, e.g., runway vacuuming, plowing and removal of snow from parking lots and streets, beach cleaning and maintenance, waste container disinfection.
562	1.2					Non-hazardous waste and recyclable material consolidation, storage and preparation services	The consolidation, storage and preparation of non-hazardous waste and recyclable material and the recovery of recyclable materials
562	1.2.1	X				Non-hazardous waste transfer facility services	Consolidation, temporary storage, and preparation for transport of non-hazardous waste to an appropriate facility that processes waste for disposal or reuse. Includes drop-off center services, transfer, and container stations
562	1.2.2	X				Non-hazardous recyclable material recovery and preparation services	Recovery of recyclable material, e.g., cardboard, paper, plastics, metals, glass, organic waste, from the non-hazardous waste stream by baling, cleaning, sorting, reducing volume and preparing for shipment.
562	1.3					Non-hazardous waste and recyclable material transportation services	Transportation services for non-hazardous waste and recyclable materials
562	1.3.1	X				Non-hazardous waste transportation services	Transportation of non-hazardous waste from a transfer station or intermediate processing site to another intermediate site or to a final disposal site.
562	1.3.2	X				Non-hazardous recyclable material, transportation services	Transportation of non-hazardous recyclable material, e.g., cardboard, paper, plastics, metals, glass, organic waste, from a transfer station or intermediate processing site to another intermediate site or to a material recovery facility.
562	1.4					Non-hazardous waste disposal services	Disposal of non hazardous waste by placing it in a landfill or sanitary landfill, or by incineration, or by other methods.
562	1.4.1					Non-hazardous waste landfilling services	Disposal services for non-hazardous waste provided by landfills or sanitary landfills
562	1.4.1.1	X				Landfill disposal services, non-hazardous waste	Services provided by a disposal facility where non-hazardous waste is placed in or on land at the site, but which is not a surface impoundment or an injection well, and which is not a sanitary landfill.
562	1.4.1.2	X				Sanitary landfill disposal services, non-hazardous waste	Services provided by a disposal facility where non-hazardous waste is placed in or on land at the site, but which is not a surface impoundment or an injection well and which meets criteria as may be specified by legislation or regulation.
562	1.4.2	X				Incineration disposal services, non-hazardous waste	Disposal of non-hazardous waste by incineration at a facility that meets legal standards.
562	1.4.3	X				Other disposal services, non-hazardous waste	Disposal of non-hazardous waste by methods other than landfill, sanitary landfill or incineration. Some examples of such methods are injection wells and the spreading of municipal sludge on land.
562	1.5					Non-hazardous waste disposal facilities- operation, maintenance and closure	Non-hazardous waste disposal facilities-operation , maintenance and closure services

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1 Industry Subject	2 Working Group	3 Tri- lateral	4 5 6 National			7 English Title	8 English Definition
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562	1.5.1					Non-hazardous waste disposal facilities-operation and maintenance	Services of operating, maintaining, and monitoring an open non-hazardous waste disposal facility and monitoring and maintaining a closed facility
562	1.5.1.1	X				Maintenance services for an open non-hazardous waste disposal facility	Services of operating, maintaining, and monitoring an open non-hazardous waste disposal facility.
562	1.5.1.2	X				Maintenance services for a closed non-hazardous waste disposal facility	Services of maintaining and monitoring a closed non-hazardous waste disposal facility.
562	1.5.2	X				Closure services for a non-hazardous waste disposal facility	Services of closing a non-hazardous waste disposal facility according to procedures as may be specified by legislation or regulation.
562	1.6	X				Non-hazardous waste management services, n.e.c.	Services undertaken for the purposes of the management of non-hazardous waste, not elsewhere classified.
562	1.7					Other products related to non-hazardous waste management	Other products related to non-hazardous waste management such as brokerage services, equipment leasing, rental and resale, sale of non-hazardous waste,energy, recovered methane gas, compost, etc.
562	1.7.1	X				Non-hazardous waste brokerage services	Services provided by an individual or company that acts as an intermediary between the buyer and the seller of non-hazardous waste.
562	1.7.2	X				Non-hazardous recyclable material brokerage services	Services provided by an individual or company that acts as an intermediary between the buyer and the seller of recyclable material, e.g. cardboard, paper, plastics, metals, glass, organic waste.
562	1.7.3	X				Non-hazardous waste management equipment, leasing or rental services	Leasing or rental on temporary or long-term basis of non-hazardous waste management equipment, excluding portable toilets.
562	1.7.4	X				Non-hazardous waste	Sale of non-hazardous waste (e.g., waste to be used as feedstock for an energy producing incineration facility).
562	1.7.5	X				Non-hazardous waste energy generation	Sale of energy generated through the incineration of non-hazardous waste.
562	1.7.6	X				Recovered methane gas	Sale of methane gas produced by the decomposition of organic wastes in a landfill or a sanitary landfill site.
562	1.7.7	X				Compost	Sale of organic fertilizer produced by controlled fermentation of organic non-hazardous waste.
562	1.7.8	X				Recyclable material recovered from a non-hazardous waste stream	Sale of recyclable material, e.g., cardboard, paper, plastics, metals, glass, organic waste, recovered from a non-hazardous waste stream.
562	1.7.9	X				New non-hazardous waste management equipment	New non-hazardous waste management equipment that the firm itself manufactures.
562	1.7.10	X				New non-hazardous waste management equipment, resale	Wholesale and/or retail of new non-hazardous waste management equipment that the firm itself does not manufacture.
562	1.7.11	X				Used non-hazardous waste management equipment, resale	Wholesale and/or retail of used non-hazardous waste management equipment.
562	1.7.12	X				Non-hazardous waste environmental audit and advisory services	Studies to develop recommendations to eliminate, reduce, recycle or otherwise manage non-hazardous waste at the source of generation. Some examples are technical assistance and training in waste management.
562	1.7.13	X				Other products related to non-hazardous waste management, n.e.c.	Other products related to non-hazardous waste management, not elsewhere classified.
562	2					Hazardous waste* management	
562	2.1					Hazardous waste* collection services	Collection and sub-contracted collection of hazardous waste, residential and non-residential
562	2.1.1	X				Hazardous waste* subcontracted collection services	Subcontracted collection services of hazardous waste* including materials that may be hazardous to human health or the environment, due to their nature or quantity, and which require special handling techniques as may be specified by legislation or regulation. Waste may be collected from residential or non residential locations and may include recyclable material. The waste is taken to the location specified by the contractor who pays for its disposal.
562	2.1.2	X				Hazardous waste* collection services, residential	Collection of hazardous waste* including materials that may be hazardous to human health or the environment, due to their nature or quantity, and which require special handling techniques as may be specified by legislation or regulation. The hazardous waste* originates from residential dwellings and may include recyclable material. Waste may be taken to an intermediate site or final disposal site.
562	2.1.3					Hazardous waste* collection services, non-residential	Collection of hazardous waste* as may be specified by legislation or regulation from sources such as heavy and light industry, manufacturing, agricultural, warehousing, transportation, retail and wholesale commercial activities, restaurants, offices, educational or recreational facilities, health, and other service locations. Waste may be taken to an intermediate site or final disposal site and may include recyclable material.
562	2.1.3.1	X				Hazardous waste* collection services for organic solvents, solutions, and still bottoms.	Collection of substances, such as petroleum distillates, halogenated and non-halogenated still bottoms, halogenated and non-halogenated solvents with heavy metals, aromatic solvents and residues, from industrial, commercial, institutional, agricultural and service locations. Waste may be taken to an intermediate site or final disposal site.
562	2.1.3.2	X				Hazardous waste* collection services for oils and greases, oily mixtures, and residues	Collection of substances, such as waste oil and mixed oil, (e.g., waste crankcase oils and lubricants, oily water/waste oil, oily acidic solids, cutting oil), from industrial, commercial, institutional, agricultural and service locations. Waste may be taken to an intermediate site or final disposal site.

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1 Industry Subject	2 Working Group	3 Tri- lateral	4 5 6 National			7 English Title	8 English Definition
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562	2.1.3.3	X				Hazardous waste* collection services for heavy metal solutions, sludges, and residues	Collection of substances, such as aqueous solutions with heavy metals (e.g., inorganic wastes from pigment manufacturing, neutralized solutions, sludges and residues containing heavy metals), heavy metal sludges (e.g., primary lead, zinc and copper smelting wastes), tannery waste sludges, photoprocessing/photochemical wastes, and waste mercury solutions from industrial, commercial, institutional, agricultural and service locations. Waste may be taken to an intermediate site or final disposal site.
562	2.1.3.4	X				Hazardous waste* collection services for inorganic (excluding heavy metals) sludges, solutions, and residues	Collection of substances such as ash, inorganic wastes (e.g., detergents and soaps), alum and gypsum sludges from industrial, commercial, institutional, agricultural and service locations. Waste may be taken to an intermediate site or final disposal site.
562	2.1.3.5	X				Hazardous waste* collection services for pesticide, herbicide, and fungicide wastes	Collection of substances such as halogenated and non-halogenated pesticide, herbicide and fungicide wastes from industrial, commercial, institutional, agricultural and service locations. Waste may be taken to an intermediate site or final disposal site.
562	2.1.3.6	X				Hazardous waste* collection services for Polychlorinated Biphenyls (PCB) wastes	Collection of Polychlorinated Biphenyls (PCB) wastes used in electrical insulating fluids in capacitors and transformers, among others, from industrial, commercial, institutional, agricultural and service locations. Waste may be taken to an intermediate site or final disposal site.
562	2.1.3.7	X				Hazardous waste* collection services for biological-infectious waste	Collection of pathological wastes (e.g., anatomical wastes, non-anatomical wastes, and sharps waste, such as needles and scalpels) and other biological-infectious wastes from industrial, commercial, agricultural, service, and institutional locations. Waste may be taken to an intermediate site or final disposal site.
562	2.1.3.8					Hazardous waste* collection services for radioactive waste	Collection of radioactive wastes from industrial, commercial, agricultural, service, and institutional locations. Waste may be taken to an intermediate site or final disposal site.
562	2.1.3.8.1	X				Hazardous waste* collection services for low-level radioactive waste	Collection of low-level radioactive wastes from industrial, commercial, agricultural, service, and institutional locations. Waste may be taken to an intermediate site or final disposal site.
562	2.1.3.8.2	X				Hazardous waste* collection services for high-level radioactive waste	Collection of high-level radioactive wastes from industrial, commercial, agricultural, service, and institutional locations. Waste may be taken to an intermediate site or final disposal site.
562	2.1.3.9	X				Hazardous waste* collection services for used tires	Collection of used tires from industrial, commercial, agricultural, service, and institutional locations. Waste may be taken to an intermediate site or final disposal site.
562	2.1.3.10	X				Hazardous waste* collection service for used batteries	Collection of used batteries (e.g., carbon, nickel, cadmium, lead, and zinc) from industrial, commercial, agricultural, service, and institutional locations. Waste may be taken to an intermediate site or final disposal site.
562	2.1.3.11	X				Hazardous waste* collection services, other, n.e.c.	Collection of other hazardous waste* from industrial, commercial, agricultural, service, and institutional locations, not elsewhere classified. Waste may be taken to an intermediate site or final disposal site.
562	2.1.4	X				Hazardous waste* holding facilities cleaning and removal services	Testing, cleaning, and removal of hazardous waste* from holding facilities (e.g., industrial tanks, holding ponds, oxidation lagoons, and petroleum tanks).
562	2.2					Hazardous waste* and recyclable material consolidation, storage and preparation services	The consolidation, storage and preparation of hazardous waste and recyclable material and the recovery of recyclable materials
562	2.2.1	X				Hazardous waste* transfer facility services	Consolidation, temporary storage, and preparation for transport of hazardous waste* to an appropriate facility for treatment, disposal, or reuse. Includes drop-off center services, transfer and container stations.
562	2.2.2	X				Hazardous waste* recyclable material recovery and preparation services	Recovery of hazardous recyclable material (such as used oils, solvents and batteries) from the hazardous waste* stream by sorting, consolidating, reducing volume and preparing for shipment.
562	2.3	X				Hazardous waste* transportation services	Transportation of hazardous waste* from a transfer station or intermediate processing site to another intermediate site or to a final disposal site.
562	2.4					Hazardous waste* treatment services	Treatment to reduce, eliminate, or transform hazardous waste*. Processes include biological, chemical, and/or physical procedures, as well as incineration; such processes may lead to disposal and/or to the recovery of recyclable material.
562	2.4.1	X				Hazardous waste* treatment services for organic solvents, solutions, and still bottoms	Treatment of substances, such as petroleum distillates, halogenated and non-halogenated still bottoms, halogenated and non-halogenated solvents with heavy metals, aromatic solvents and residues.
562	2.4.2	X				Hazardous waste* treatment services for oils and greases, oily mixtures, and residues	Treatment of substances, such as waste oil and mixed oil, (e.g., waste crankcase oils and lubricants, oily water/waste oil, oily acidic solids, cutting oil).
562	2.4.3	X				Hazardous waste* treatment services for heavy metal solutions, sludges, and residues	Treatment of substances, such as aqueous solutions with heavy metals (e.g., inorganic wastes from pigment manufacturing, neutralized solutions, sludges and residues containing heavy metals), heavy metal sludges (e.g., primary lead, zinc and copper smelting wastes), tannery waste sludges, photo processing/photochemical wastes, and waste mercury solutions.
562	2.4.4	X				Hazardous waste* treatment services for inorganic (excluding heavy metals) sludges, solutions, and residues	Treatment of substances such as ash, inorganic wastes (e.g., detergents and soaps), alum and gypsum sludges.
562	2.4.5	X				Hazardous waste* treatment services for pesticide herbicide and fungicide wastes	Treatment of substances such as halogenated and non-halogenated pesticide, herbicide and fungicide wastes.
562	2.4.6	X				Hazardous waste* treatment services for Polychlorinated Biphenyls (PCB) wastes	Treatment of Polychlorinated Biphenyls (PCB) wastes.

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1 Industry Subject	2 Working Group	3 Tri- lateral	4 5 6 National			7 English Title	8 English Definition
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562	2.4.7	X				Hazardous waste* treatment services for biological-infectious waste	Treatment of pathological wastes (e.g., anatomical wastes, non-anatomical wastes, and sharps waste, such as needles and scalpels) and other biological-infectious wastes.
562	2.4.8					Hazardous waste* treatment services for radioactive waste	Treatment of radioactive waste.
562	2.4.8.1	X				Hazardous waste* treatment services for low-level radioactive waste	Treatment of low-level radioactive waste.
562	2.4.8.2	X				Hazardous waste* treatment services for high-level radioactive waste	Treatment of high-level radioactive waste.
562	2.4.9	X				Hazardous waste* treatment services for used tires	Treatment of used tires.
562	2.4.10	X				Hazardous waste* treatment services for used batteries	Treatment of used batteries (e.g., carbon, nickel, cadmium, lead, and zinc).
562	2.4.11	X				Hazardous waste* treatment services for other hazardous wastes* (excluding waste water), n.e.c.	Treatment of other hazardous waste*, not elsewhere classified.
562	2.5					Hazardous waste* disposal services	Disposal, of hazardous waste*, at a facility that meets legal standards for the disposal of hazardous waste* e.g., by controlled confinement, landfilling and other methods.
562	2.5.1					Hazardous waste* disposal services by confinement	Hazardous waste disposal services by controlled confinement by landfilling or above-ground containers and deep-well storage.
562	2.5.1.1	X				Hazardous waste* disposal services by controlled confinement by landfilling	Disposal of hazardous waste*, by landfilling at a facility that meets legal standards for the control, handling and monitoring of hazardous waste*.
562	2.5.1.2	X				Hazardous waste* disposal services by controlled confinement other than landfilling	Disposal of hazardous waste*, by controlled confinement at a facility that meets legal standards for above-ground containment or deep-well storage of hazardous waste*, both on a temporary and permanent basis.
562	2.5.2	X				Hazardous waste* disposal services by other methods	Disposal of hazardous waste* by a method other than landfilling, or controlled confinement.
562	2.6					Hazardous waste* disposal facilities- operation, maintenance and closure services	The operation and maintenance services for hazardous waste open and closed disposal facilities and disposal facility closure services according to procedures as may be specified by legislation or regulation.
562	2.6.1					Hazardous waste* disposal facilities- operation and maintenance services	The operation and maintenance services for hazardous waste open and closed disposal facilities
562	2.6.1.1	X				Hazardous waste* maintenance services for an open disposal facility	Services of operating, maintaining, and monitoring an open hazardous waste* disposal facility.
562	2.6.1.2	X				Hazardous waste* maintenance services for a closed disposal facility	Services of maintaining and monitoring a closed hazardous waste* disposal facility.
562	2.6.2	X				Hazardous waste* closure services for a disposal facility	Services of closing a hazardous waste* disposal facility according to procedures as may be specified by legislation or regulation.
562	2.7	X				Hazardous waste* management services, n.e.c.	Services undertaken for the purpose of the management of hazardous waste*, not elsewhere classified.
562	2.8					Other products related to hazardous waste* management	Other products related to hazardous waste management such as brokerage services, equipment leasing, rental and resale, sale of recycled materials, etc.
562	2.8.1	X				Hazardous waste* brokerage services	Services provided by an individual or company that acts as an intermediary between the buyer and the seller of hazardous waste*.
562	2.8.2	X				Hazardous waste* management equipment, leasing or rental services	Leasing or rental on temporary or long-term basis of hazardous waste* management equipment.
562	2.8.3	X				Hazardous waste*	Sale of hazardous waste* (e.g., waste to be used as feedstock for an energy producing incineration facility).
562	2.8.4	X				Hazardous waste* energy generation	Sale of energy generated through the incineration of hazardous waste*.
562	2.8.5	X				Recyclable material recovered from a hazardous waste* stream	Sale of recyclable material such as used oil, batteries, contaminated cardboard, paper, plastic, metals and glass. These materials have been recovered from the hazardous waste* stream but have not been processed and/or treated.
562	2.8.6	X				Hazardous waste* recycled material	Sale of recycled material such as second grade oils and alternative fuels. These materials are a result of processing and/or treatment of recovered hazardous waste*.
562	2.8.7	X				New hazardous waste* management equipment	New hazardous waste* management equipment that the firm itself manufactures.
562	2.8.8	X				New hazardous waste* management equipment, resale	Wholesale and/or retail of new hazardous waste* management equipment that the firm itself does not manufacture.
562	2.8.9	X				Used hazardous waste* management equipment, resale	Wholesale and/or retail of used hazardous waste* management equipment.
562	2.8.10	X				Hazardous waste* environmental audit and advisory services	Studies to develop recommendations to eliminate, reduce, recycle or otherwise manage hazardous waste* at the source of generation. Some examples are technical assistance and training in waste management.

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1 Industry Subject	2 Working Group	3 Tri- lateral	4 5 6 National			7 English Title	8 English Definition
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562	2.8.11	X				Other products related to hazardous waste* management, n.e.c.	Other products related to hazardous waste* management, not elsewhere classified.
562	3					Remediation services	Remediation services
562	3.1					Site remediation services	Management of a contaminated site, for prevention, minimization, or mitigation of damage to human health or the environment. Services pertain to remediation of the air, soil, ground and/or surface water (fresh or salt). Remediation options may include, but are not limited to, direct physical actions, such as treatment, removal, or destruction of contaminants, other on-site risk management solutions, such as capping or containment of contaminants or isolation of the site.
562	3.1.1					Site assessment services	Collection of information through investigations, surveys, physical sampling, testing, and other activities to identify: (1) the existence, source, nature and extent of contamination of the air, water, or soil on a site by a hazardous material; and (2) the extent of danger to the public health, safety, welfare, and the environment.
562	3.1.1.1	X				Site assessment services, air	Collection of information through investigations, surveys, physical sampling, testing, and other activities to identify: (1) the existence, source, nature and extent of contamination of the ambient air at a site by a hazardous material; and (2) the extent of danger to the public health, safety, welfare, and the environment.
562	3.1.1.2					Site assessment services, water	Collection of information through investigations, surveys, physical sampling, testing, and other activities to identify: (1) the existence, source, nature and extent of contamination of water on a site by a hazardous material; and (2) the extent of danger to the public health, safety, welfare, and the environment.
562	3.1.1.2.1	X				Site assessment services, water, on-site	Collection of information through on-site investigations, surveys, physical sampling, testing, and other activities to identify: (1) the existence, source, nature and extent of contamination of water on a site by a hazardous material; and (2) the extent of danger to the public health, safety, welfare, and the environment.
562	3.1.1.2.2	X				Site assessment services, water, off-site	Collection of information through off-site investigations, surveys, physical sampling, testing, and other activities to identify: (1) the existence, source, nature and extent of contamination of water on a site by a hazardous material; and (2) the extent of danger to the public health, safety, welfare, and the environment.
562	3.1.1.3					Site assessment services, soil	Collection of information through investigations, surveys, physical sampling, testing, and other activities to identify: (1) the existence, source, nature and extent of contamination of the soil on a site by a hazardous material; and (2) the extent of danger to the public health, safety, welfare, and the environment.
562	3.1.1.3.1	X				Site assessment services, soil, on-site	Collection of information through on-site investigations, surveys, physical sampling, testing, and other activities to identify: (1) the existence, source, nature and extent of contamination of the soil on a site by a hazardous material; and (2) the extent of danger to the public health, safety, welfare, and the environment.
562	3.1.1.3.2	X				Site assessment services, soil, off-site	Collection of information through off-site investigations, surveys, physical sampling, testing, and other activities to identify: (1) the existence, source, nature and extent of contamination of the soil on a site by a hazardous material; and (2) the extent of danger to the public health, safety, welfare, and the environment.
562	3.1.1.4	X				Site assessment services, n.e.c.	Collection of information through investigations, surveys, physical sampling, testing, and other activities to identify: (1) the existence, source, nature and extent of contamination of the air, water, or soil on a site by a hazardous material; and (2) the extent of danger to the public health, safety, welfare, and the environment, not elsewhere classified. Examples are site assessment services which include two or more media.
562	3.1.2					Site remediation planning services	Preparation of a plan for remediation of the air, water, or soil on a contaminated site incorporating appropriate technical and regulatory criteria as may be specified by legislation or regulation.
562	3.1.2.1	X				Site remediation planning services, air	Preparation of a plan for remediation of air on a contaminated site incorporating appropriate technical and regulatory criteria as may be specified by legislation or regulation.
562	3.1.2.2	X				Site remediation planning services, water	Preparation of a plan for remediation of water on a contaminated site incorporating appropriate technical and regulatory criteria as may be specified by legislation or regulation.
562	3.1.2.3	X				Site remediation planning services, soil	Preparation of a plan for remediation of soil on a contaminated site incorporating appropriate technical and regulatory criteria as may be specified by legislation or regulation.
562	3.1.2.4	X				Site remediation planning services, n.e.c.	Preparation of a plan for the remediation of the air, water, or soil on a contaminated site incorporating appropriate technical and regulatory criteria as may be specified by legislation or regulation, not elsewhere classified. Examples are site remediation planning services which include two or more media.
562	3.1.3					Site remediation clean-up services	Implementation of an approved plan for remediation of air, water, or soil on a contaminated site, as may be specified by legislation or regulation.
562	3.1.3.1	X				Site remediation clean-up services, air	Implementation of an approved plan for remediation of air on a contaminated site, as may be specified by legislation or regulation.
562	3.1.3.2					Site remediation clean-up services, water	Implementation of an approved plan for remediation of water on a contaminated site, as may be specified by legislation or regulation.
562	3.1.3.2.1	X				Site remediation clean-up services, water, in-situ	Implementation of an approved plan for in-situ remediation of water on a contaminated site, as may be specified by legislation or regulation.
562	3.1.3.2.2	X				Site remediation clean-up services, water, ex-situ	Implementation of an approved plan for ex-situ remediation of water on a contaminated site, as may be specified by legislation or regulation.
562	3.1.3.3					Site remediation clean-up services, soil	Implementation of an approved plan for remediation of soil on a contaminated site, as may be specified by legislation or regulation.
562	3.1.3.3.1	X				Site remediation clean-up services, soil in-situ	Implementation of an approved plan for in-situ remediation of soil on a contaminated site, as may be specified by legislation or regulation.
562	3.1.3.3.2	X				Site remediation clean-up services, soil, ex-situ	Implementation of an approved plan for ex-situ remediation of soil on a contaminated site, as may be specified by legislation or regulation.

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1 Industry Subject	2 Working Group	3 Tri- lateral	4 5 6 National			7 English Title	8 English Definition
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562	3.1.3.4	X				Site remediation clean-up services, n.e.c.	Implementation of clean-up services for remediation of air, water, or soil on a contaminated site, as may be specified by legislation or regulation, not elsewhere classified. Examples are site remediation clean-up services which include two or more media.
562	3.1.4					Control, containment, and monitoring services	Management of a contaminated site, in accordance with a remediation plan, involving (1) operation and maintenance of equipment and/or technologies on the site for the purpose of preventing additional, or wider, contamination on the site or the movement of contaminants from the site; (2) monitoring of the site to determine the nature and extent of contamination at the site, the effectiveness of any remedial activities, emissions from the site or remedial technologies and the impacts of the contaminants on the environment or human health; and (3) controlling unauthorized access to the site.
562	3.1.4.1	X				Control and containment services, air	Management of a contaminated site, in accordance with a remediation plan, including controlling unauthorized access to the site, involving operation and maintenance of equipment and/or technologies on the site for the purpose of preventing additional, or wider, contamination of air on the site or the movement of contaminants from the site.
562	3.1.4.2	X				Monitoring services, air	Monitoring of air on contaminated site, in accordance with a remediation plan, to determine the nature and extent of contamination at the site, the effectiveness of any remedial activities, emissions from the site or remedial technologies and the impacts of the contaminants on the environment or human health.
562	3.1.4.3	X				Control and containment services, water	Management of a contaminated site, including controlling unauthorized access to the site, in accordance with a remediation plan, involving operation and maintenance of equipment and/or technologies on the site for the purpose of preventing additional, or wider, contamination of water on the site or the movement of contaminants from the site.
562	3.1.4.4	X				Monitoring services, water	Monitoring of water on contaminated site, in accordance with a remediation plan, to determine the nature and extent of contamination at the site, the effectiveness of any remedial activities, emissions from the site or remedial technologies and the impacts of the contaminants on the environment or human health.
562	3.1.4.5	X				Control and containment services, soil	Management of a contaminated site, including controlling unauthorized access to the site, in accordance with a remediation plan, involving operation and maintenance of equipment and/or technologies on the site for the purpose of preventing additional, or wider, contamination of soil on the site or the movement of contaminants from the site.
562	3.1.4.6	X				Monitoring services, soil	Monitoring of soil on contaminated site, in accordance with a remediation plan, to determine the nature and extent of contamination at the site, the effectiveness of any remedial activities, emissions from the site or remedial technologies and the impacts of the contaminants on the environment or human health.
562	3.1.4.7	X				Control, containment, and monitoring services, n.e.c.	Management of a contaminated site, in accordance with a remediation plan, involving (1) operation and maintenance of equipment and/or technologies on the site for the purpose of preventing additional, or wider, contamination on the site or the movement of contaminants from the site; (2) monitoring of the site to determine the nature and extent of contamination at the site, the effectiveness of any remedial activities, emissions from the site or remedial technologies and the impacts of the contaminants on the environment or human health; and (3) controlling unauthorized access to the site; not elsewhere classified. Examples are control, containment, and monitoring services which include two or more media.
562	3.1.5	X				Site remediation services, n.e.c.	Activities associated with a contaminated site for prevention, minimization, or mitigation of damage to human health or the environment, not elsewhere classified. Examples are site remediation services which include two or more medias and/or two or more phases.
562	3.2					Building remediation services	Development and implementation of a remediation plan that removes, destroys, contains or otherwise reduces contaminants in a building, including remediation of asbestos, lead paint, radon, and other contaminants.
562	3.2.1	X				Building remediation services, asbestos contamination	Development and implementation of a remediation plan for a building contaminated by asbestos.
562	3.2.2	X				Building remediation services, lead paint contamination	Development and implementation of a remediation plan for a building contaminated by lead paint.
562	3.2.3	X				Building remediation services, radon contamination	Development and implementation of a remediation plan for a building contaminated by radon.
562	3.2.4	X				Building remediation services, other contamination	Development and implementation of a remediation plan for a building contaminated by other hazardous materials.
562	3.3					Environmental emergency response services	Development and/or implementation of rapid response plans and activities to deal with various types of environmental emergencies (e.g., fuel and chemical spills and incidents involving dangerous goods and hazardous materials).
562	3.3.1	X				Environmental emergency response planning services	Development of plans to deal with various types of environmental emergencies e.g., fuel and chemical spills, incidents involving dangerous goods or hazardous materials.
562	3.3.2	X				Environmental emergency response services, petroleum and oil-based spills	Implementation of a rapid response to an environmental emergency arising from an abnormal or unusual discharge of petroleum based material or oil from or out of a structure, vehicle, or other container.
562	3.3.3	X				Environmental emergency response services, mine spills	Implementation of a rapid response to an environmental emergency arising from an abnormal or unusual discharge related to a mining operation.
562	3.3.4	X				Environmental emergency response services, n.e.c.	Development and/or implementation of rapid response plans and activities to deal with various types of environmental emergencies, not elsewhere classified.
562	3.4	X				Remediation services, n.e.c.	Services undertaken for the purpose of remediation of a site, building, or environmental emergency, not elsewhere classified.
562	3.5					Other products related to remediation	Products related to remediation such as materials recovered from remediation activities, equipment rentals, leasing and resales, as well as decommissioning or closure of an industrial facility

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Industry Subject	Working Group	Tri-lateral	National			English Title	English Definition
			Can	Méx	US		
562	3.5.1	X				Recyclable material recovered from remediation activities	Sale of recyclable material recovered from remediation activities that have not been processed and/or treated.
562	3.5.2	X				Remediation equipment, leasing or rental services	Leasing or rental on temporary or long-term basis of remediation equipment.
562	3.5.3	X				Remediation equipment resale	Wholesale and/or retail of new or used remediation equipment.
562	3.5.4	X				Decommissioning services	The closure of an industrial facility followed by the removal of process equipment, buildings and structures (on a site-specific basis). Decommissioning may include all or part of a facility, and "mothballing". Decommissioning may result in a change in land use.
562	3.5.5	X				Other products related to remediation, n.e.c.	Other products related to remediation, not elsewhere classified, e.g., waste water treatment, sale of specialized merchandise for site clean-ups.

Appendix 3: 2002 Economic Census Survey
Instrument for NAICS 562, Waste Management and
Remediation



2002 ECONOMIC CENSUS WASTE MANAGEMENT

FORM
AS-56201

OMB No. 0607-0887: Approval Expires 09/30/2004

DUE DATE
FEBRUARY 12, 2003

Mail your completed form to:
U.S. CENSUS BUREAU
1201 East 10th Street
Jeffersonville, IN 47134-0001

AS-56201

Please read the accompanying information sheet(s) before answering the questions.

Need help or have questions about filling out this form?

Visit our Web site at www.census.gov/econhelp

Call 1-800-233-6136, between 8:00 a.m. and 8:00 p.m., Eastern time, Monday through Friday.

- OR -

Write to the address above. Include your 11-digit Census File Number (CFN) printed in the mailing address.

**INFORMATION COPY
DO NOT USE TO REPORT**

(Please correct any errors in this mailing address.)

YOUR RESPONSE IS REQUIRED BY LAW. Title 13, United States Code, requires businesses and other organizations that receive this questionnaire to answer the questions and return the report to the U.S. Census Bureau. By the same law, **YOUR CENSUS REPORT IS CONFIDENTIAL.** It may be seen only by persons sworn to uphold the confidentiality of Census Bureau information and may be used only for statistical purposes. Further, copies retained in respondents' files are immune from legal process.

- Use blue or black ink.
- Do not use pencil.
- Place an "X" inside the box.
- Please center numbers in their respective boxes. Examples:
- Do not put slashes through 0 or 7.

<input checked="" type="checkbox"/>	0	1	2	3	4	5	6	7	8	9
-------------------------------------	---	---	---	---	---	---	---	---	---	---

The reporting unit for this form is an establishment. An **establishment** is generally a single physical location where business is conducted or where services or industrial operations are performed. For further clarification, see information sheet(s).

1 MONTHS IN OPERATION

Number of months in operation during 2002 (If none, mark "X" and go to 29.) 0002

Mark "X" if None		2002	
		Number of months	

2 EMPLOYER IDENTIFICATION NUMBER

Is the Employer Identification Number (EIN) shown in the mailing address the same as the one used for this establishment on its latest 2002 Internal Revenue Service Form 941, Employer's Quarterly Federal Tax Return?

0021 Yes 0022 No - Enter current EIN (9 digits) → 0025 -

3 PHYSICAL LOCATION

A. Is this establishment's physical location the same as shown in the mailing address? (P.O. box and rural route addresses are not physical locations.)

0031 Yes

0032 No - Enter physical location →

0035 Number and street		
0036 City, town, village, etc.	0037 State	0038 ZIP Code
<input type="text"/>	<input type="text"/>	<input type="text"/>

B. Is this establishment physically located inside the legal boundaries of the city, town, village, etc.?

0041 Yes 0042 No 0043 No legal boundaries 0044 Do not know

C. Type of municipality where this establishment is physically located

0046 City, village, or borough 0047 Town or township 0048 Other or do not know



56201015

HOW TO REPORT DOLLAR FIGURES

Dollar figures should be **rounded to thousands** of dollars.

If a figure is **\$1,025,628.79**:

If a value is "0" (or less than \$500.00):

Report →

Report →

Mark "X" if None

2002			
\$ Bil.	Mil.	Thou.	Dol.
	1	0 2 6	

4 SALES, SHIPMENTS, RECEIPTS, OR REVENUE

Mark "X" if None

Operating receipts 0100

2002			
\$ Bil.	Mil.	Thou.	Dol.

5 E-COMMERCE SALES, SHIPMENTS, RECEIPTS, OR REVENUE

A. Did this establishment have any e-commerce sales, receipts, and/or revenue in 2002? (*E-commerce includes sales, receipts, and/or revenue from any transaction completed over an Internet, Extranet, Electronic Data Interchange (EDI) network, electronic mail, or other online system. Transactions are agreements between buyers and sellers to transfer ownership of, or rights to use, goods or services. Payment for these goods or services may or may not be made online. Please see the information sheet(s) for further clarification.*)

0181 Yes - Go to line B

0182 No - Go to **6**

B. E-commerce sales, receipts, and/or revenue of this establishment (*Include e-commerce sales, receipts, and/or revenue in 4. Exclude sales taxes.*) 0185

2002			
Estimates are acceptable			
\$ Bil.	Mil.	Thou.	Dol.

6 EMPLOYMENT AND PAYROLL

Include:

- Full- and part-time employees working at this establishment whose payroll was reported on Internal Revenue Service Form 941, Employer's Quarterly Federal Tax Return, and filed under the Employer Identification Number (EIN) shown in the mailing address or corrected in **2**.

Exclude:

- Full- or part-time leased employees whose payroll was filed under an employee leasing company's EIN.
- Temporary staffing obtained from a staffing service.

For further clarification, see information sheet(s).

A. Number of employees for pay period including March 12 0320

Mark "X" if None

2002	
Number	

B. Payroll before deductions (*Exclude employer's cost for fringe benefits.*)

Mark "X" if None

1. Annual payroll 0300

2. First quarter payroll (*January-March, 2002*) 0310

2002		
\$ Mil.	Thou.	Dol.



56201023

If not shown, please enter your 11-digit Census File Number (CFN) from the mailing address.

7 LEASED EMPLOYMENT AND PAYROLL

A. Did this establishment have any full- or part-time leased employees whose payroll was filed under an employee leasing company's EIN?

Exclude:

- Temporary staffing obtained from a staffing service.
- Contractors, subcontractors, or independent contractors.
- Purchased or managed services, such as janitorial, guard, or landscape services.
- Professional or technical services purchased from another firm, such as software consulting, computer programming, engineering, or accounting services.
- Employees already reported in **6**.

For further clarification, see information sheet(s).

0241 Yes - Go to line B

0242 No - Go to **13**

Mark "X" if None

2002		
Number		

B. Number of leased employees for pay period including March 12. 0370

C. Payroll for leased employees before deductions (Exclude employer's cost for fringe benefits.)

1. Annual payroll for leased employees 0350

2002		
\$ Mil.	Thou.	Dol.

2. First quarter payroll for leased employees (January-March, 2002) 0360

Mark "X" if None

2002		
\$ Mil.	Thou.	Dol.

8-17 Not Applicable.

18 KIND OF BUSINESS OR ACTIVITY

Principal kind of business or activity in 2002
(Mark "X" only ONE box.)

Waste collection services, without treatment or disposal

- 0700
- 562 111 00 13 Solid waste, recyclables, and yard waste (excluding hazardous waste) collection services, local
 - 562 112 00 12 Hazardous waste collection services
 - 562 111 00 21 Solid waste transfer stations
 - 562 112 00 20 Hazardous waste transfer stations
 - 777 562 01 10 Other waste collection services - Specify

0701

Waste treatment and disposal services, including combined collection and disposal

- 562 211 00 20 Hazardous waste
- 562 211 00 12 Medical waste

CONTINUE WITH **13** ON PAGE 4



56201031

18 KIND OF BUSINESS OR ACTIVITY - Continued

Waste treatment and disposal services, including combined collection and disposal - Continued

- 0700 562 212 00 11 Solid waste landfills
 - 562 213 00 10 Solid waste combusters and incinerators
 - 777 562 01 69 Other waste treatment and disposal services - *Specify* ↴
- 0701

Remediation services

- 562 910 20 12 Asbestos abatement/removal contractors
 - 562 910 20 20 Lead paint removal contractors
 - 562 910 10 14 Remediation services - remediating/cleaning up contaminated buildings, mine sites, soil, or ground water
 - 235 990 90 13 Radon remediation contractors - making building modifications to alleviate radon gas
 - 562 910 10 22 Mine reclamation services, including mine demolition; soil and water remediation/treatment; contouring land and replanting
 - 541 330 00 D6 Consulting engineering services, including environmental engineering
 - 541 620 00 11 Environmental, sanitation, or site remediation consulting services, excluding engineering
 - 777 562 01 51 Other remediation services - *Specify* ↴
- 0701

Other waste management and related sanitary services

- 562 920 00 14 Materials recovery facilities (MRF) - separating and sorting recyclable materials from garbage or from commingled recyclable waste (e.g., paper, plastic, cans) for sale or reuse
 - 562 991 10 16 Cesspool and septic tank cleaning services
 - 562 998 00 11 Sewer cleaning and rodding services
 - 221 320 00 21 Sewerage systems, including sewage treatment plants
 - 562 991 20 14 Portable toilet rental
 - 561 790 90 14 Drain cleaning services, excluding plumbing repair
 - 488 119 20 27 Airport runway sweeping and vacuuming services
 - 561 790 90 22 Snowplowing driveways or parking lots
 - 561 790 90 30 Parking lot cleaning services
 - 777 562 01 36 Waste to energy facilities - *Specify* ↴
- 0701
- 777 560 00 54 Other waste management services - *Specify* ↴
- 0701

CONTINUE WITH 18 ON PAGE 5

CONTINUE ON PAGE 5

56201049



If not shown, please enter your 11-digit Census File Number (CFN) from the mailing address.

18 KIND OF BUSINESS OR ACTIVITY - Continued

Other kind of business or activity

0700 773 000 00 10 Other kind of business or activity - Specify 7

0701

19 CLASS OF CUSTOMER

Estimate the percentage of receipts (reported in **4**) by class of customer.

2002	
Whole percent of receipts	
	%
	%
	%
	%
1 0 0	%

- 1. Business firms, farms, and not-for-profit organizations. 3108
- 2. Federal government 3105
- 3. State and local governments 3106
- 4. Individuals (Include receipts from individually owned businesses on line 1.) 3100
- 5. **TOTAL** (Sum lines 1 through 4)

20-21 Not Applicable.

HOW TO REPORT PERCENTS



If figure is **38.76%** of total sales:

Report whole percents

2002				
Estimates are acceptable. Report dollars OR percents.				
\$ Bil.	Mil.	Thou.	Dol.	Percent
				3 9

22 DETAIL OF SALES, SHIPMENTS, RECEIPTS, OR REVENUE

(Report receipts by source either as a dollar figure or as a whole percent of total receipts (reported in **4**). See HOW TO REPORT DOLLAR FIGURES on page 2 and HOW TO REPORT PERCENTS above. Do not combine data for two or more receipts lines.)

Lines 1 through 6 - Report fees for the collection of non-hazardous waste on appropriate line under line 1. Report fees for the consolidation, storage and preparation services, including sales of processed waste and recyclables, under line 2. Transportation of non-hazardous waste (i.e., hauling only) should be reported on line 3. Tipping fees and other receipts for disposal services should be reported on line 4. Combined collection and disposal services should be reported on line 1 if they cannot be separated into distinct categories. Maintenance and closure services should be reported on line 5. Other non-hazardous waste services not included in the above categories should be reported on line 6.

Lines 7 through 11 - Report fees for the collection of hazardous waste on appropriate line under line 7. Transportation of non-hazardous waste (i.e., hauling only) should be reported on line 7d. Disposal services should be reported under line 8. Combined collection and disposal services should be reported on line 7 if they cannot be separated into distinct categories. Maintenance and closure services should be reported on line 8c. Report consolidation, storage and preparation services, including sales of processed waste and recyclables, on line 9. Treatment of hazardous waste should be reported on line 10. Other services not included in the above categories should be reported on line 11.

Line 12 - Report remediation services to a site on line 12a. Report remediation services to buildings on line 12b. Other remediation services should be reported on line 12f and described in the write-in box. Sale, rental or leasing of remediation equipment, decommissioning services, and sale of recyclable materials recovered from remediation activities should be included on line 12g.

Description of sales, shipments, receipts, or revenue	Census use	2002						
		Estimates are acceptable. Report dollars OR percents.						
		\$ Bil.	Mil.	Thou.	Dol.	Percent		
0723	0720	0721						0722
1. Nonhazardous waste management collection services								
a. Subcontracted collection services of nonhazardous waste and recyclable material	38710							

CONTINUE WITH **2** ON PAGE 6

22 DETAIL OF SALES, SHIPMENTS, RECEIPTS, OR REVENUE - Continued

Description of sales, shipments, receipts, or revenue	Cen- sus use	2002				
		Estimates are acceptable. Report dollars OR percents.				
		\$ Bil.	Mil.	Thou.	Dol.	Percent
0723	0720	0721				0722
1. Nonhazardous waste management collection services - Continued						
b. Nonhazardous waste and recyclable material collection services, residential						
(1) Nonhazardous waste collection services, residential	38721					
(2) Nonhazardous recyclable material collection services, residential	38722					
(3) Nonhazardous waste and recyclable material collection services, presorted, residential	38723					
(4) Sum lines 1b(1) through 1b(3)	38720					
c. Nonhazardous waste and recyclable material collection services, non-residential						
(1) Nonhazardous waste collection services, non-residential	38731					
(2) Nonhazardous recyclable material collection services, non-residential	38732					
(3) Nonhazardous waste and recyclable material collection services, presorted, non-residential	38733					
(4) Sum lines 1c(1) through 1c(3)	38730					
d. Nonhazardous waste destruction services						
(1) Destruction services for documents or files	38741					
(2) Destruction services for other nonhazardous items	38742					
(3) Sum lines 1d(1) and 1d(2)	38740					
e. Other nonhazardous waste collection services						
(1) Snowplowing services	38751					
(2) Street or parking lot cleaning services	38752					
(3) Septic tank cleaning and maintenance services	38753					
(4) Portable toilet rental services	38754					
(5) Nonhazardous waste management for parks and other special event venues	38755					

CONTINUE WITH **22** ON PAGE 7

56201064

If not shown, please enter your 11-digit Census File Number (CFN) from the mailing address.

22 DETAIL OF SALES, SHIPMENTS, RECEIPTS, OR REVENUE - Continued

Description of sales, shipments, receipts, or revenue	Census use	2002				
		Estimates are acceptable. Report dollars OR percents.				
		\$ Bil.	Mil.	Thou.	Dol.	Percent
0723	0720	0721				0722
1. Nonhazardous waste management collection services - Continued						
e. Other nonhazardous waste collection services - Continued						
(6) Cleaning and maintenance services for nonhazardous waste holding and drain facilities, including sewer rodding and cleaning	38756					
(7) Other nonhazardous waste collection services, including runway vacuuming and beach maintenance and cleaning.	38757					
(8) Sum lines 1e(1) through 1e(7)	38750					
f. Nonhazardous waste collection from construction and demolition sites	38760					
2. Nonhazardous waste and recyclable material consolidation, storage, and preparation services						
a. Operation of nonhazardous waste transfer facilities	38771					
b. Nonhazardous recyclable material recovery with preparation services	38772					
c. Sum lines 2a and 2b	38770					
3. Nonhazardous waste and recyclable material transportation services						
a. Nonhazardous waste transportation services	38781					
b. Nonhazardous recyclable material transportation services	38782					
c. Sum lines 3a and 3b	38780					
4. Nonhazardous waste disposal services						
a. Nonhazardous waste landfill disposal services	38791					
b. Nonhazardous waste incineration disposal services	38792					
c. Other nonhazardous waste disposal services (e.g., injection well)	38793					
d. Sum lines 4a through 4c	38790					
5. Nonhazardous waste disposal facilities, maintenance and closure						
a. Maintenance services for open nonhazardous waste disposal facilities	38301					
b. Maintenance services for closed nonhazardous waste disposal facilities	38302					
c. Closure services for nonhazardous waste disposal facilities	38303					
d. Sum lines 5a through 5c	38300					

CONTINUE WITH 22 ON PAGE 8

56201072

22 DETAIL OF SALES, SHIPMENTS, RECEIPTS, OR REVENUE - Continued

Description of sales, shipments, receipts, or revenue	Cen- sus use	2002				
		Estimates are acceptable. Report dollars OR percents.				
		\$ Bil.	Mil.	Thou.	Dol.	Percent
0723	0720	0721				0722
6. Other services related to nonhazardous waste management						
a. Sale or brokerage of nonhazardous waste, including compost and recovered methane gas	38350					
b. Sale or brokerage of nonhazardous recyclable material	38360					
c. Sale of new or used nonhazardous waste management equipment	38370					
d. Rental or leasing of nonhazardous waste management equipment	38380					
e. Nonhazardous waste to energy generation	38390					
f. Nonhazardous waste environmental audit and advisory services	38400					
g. All other nonhazardous waste management services	38410					
7. Hazardous waste collection services						
a. Subcontracted hazardous waste collection services	38421					
b. Hazardous waste collection services	38422					
c. Hazardous waste removal from holding facilities, including testing and cleaning	38423					
d. Hazardous waste transportation services, excluding collection and disposal	38430					
8. Hazardous waste disposal services						
a. Hazardous waste disposal services by confinement						
(1) Landfilling	38441					
(2) Other, including deep well storage and above ground containment	38442					
(3) Sum lines 8a(1) and 8a(2)	38440					
b. Hazardous waste disposal services by other method other than confinement	38450					
c. Hazardous waste disposal facilities, maintenance and closure						
(1) Hazardous waste maintenance services for open disposal facilities, including monitoring	38461					
(2) Hazardous waste maintenance services for closed disposal facilities, including monitoring	38462					
(3) Closure services for hazardous waste disposal facilities	38463					
(4) Sum lines 8c(1) through 8c(3)	38460					

CONTINUE WITH **22** ON PAGE 9

56201080

If not shown, please enter your 11-digit Census File Number (CFN) from the mailing address.

22 DETAIL OF SALES, SHIPMENTS, RECEIPTS, OR REVENUE - Continued

Description of sales, shipments, receipts, or revenue	Census use	2002				
		Estimates are acceptable. Report dollars OR percents.				
		\$ Bil.	Mil.	Thou.	Dol.	Percent
0723	0720	0721				0722
9. Hazardous waste and recyclable material consolidation, storage and preparation services						
a. Hazardous waste transfer services	38471					
b. Hazardous waste recyclable material recovery and preparation services	38472					
c. Sum lines 9a and 9b	38470					
10. Hazardous waste treatment services						
a. Organic solvents, solutions, and still bottoms	38481					
b. Oils, greases, oily mixtures, and residues	38482					
c. Inorganic sludges, solutions, and residues, excluding heavy metals	38484					
d. Heavy metal solutions, sludges, and residues	38483					
e. Pesticide, herbicide, and fungicide waste	38485					
f. Polychlorinated biphenyls (PCB) waste	38486					
g. Biological infectious waste	38487					
h. Radioactive waste	38488					
i. Used tires	38489					
j. Used batteries	38491					
k. Other hazardous waste - <i>Specify</i> ↴ _____ _____	38492					
l. Sum lines 10a through 10k	38480					
11. Other products related to hazardous waste management						
a. Sale or brokerage of hazardous waste	38510					
b. Sale or brokerage of hazardous recycled materials	38520					
c. Sale of new or used hazardous waste management equipment	38530					
d. Rental and leasing of hazardous waste management equipment	38540					
e. Hazardous waste to energy generation	38550					
f. Hazardous waste environmental audit and advisory services	38560					
g. All other hazardous waste management services	38570					

CONTINUE WITH 22 ON PAGE 10

CONTINUE ON PAGE 10

56201098

22 DETAIL OF SALES, SHIPMENTS, RECEIPTS, OR REVENUE - Continued

Description of sales, shipments, receipts, or revenue	Cen- sus use	2002				
		Estimates are acceptable. Report dollars OR percents.				
		\$ Bil.	Mil.	Thou.	Dol.	Percent
0723	0720	0721				0722
12. Remediation services						
a. Site remediation services						
(1) Site assessment services	38811					
(2) Site remediation planning services	38812					
(3) Site remediation clean-up services - air	38813					
(4) Site remediation clean-up services - water	38814					
(5) Site remediation clean-up services - soil	38815					
(6) Site remediation clean-up services - other	38816					
(7) Control, containment, and monitoring services - air	38817					
(8) Control, containment, and monitoring services - water	38818					
(9) Control, containment, and monitoring services - soil	38819					
(10) Control, containment, and monitoring services - other	38821					
(11) Other site remediation services - <i>Specify</i> ↴ _____	38822					
(12) Sum lines 12a(1) through 12a(11)	38810					
b. Building remediation services						
(1) Asbestos contamination	38631					
(2) Lead paint contamination	38632					
(3) Radon contamination	38633					
(4) Other contamination - <i>Specify</i> ↴ _____	38634					
(5) Sum lines 12b(1) through 12b(4)	38630					
c. Environmental consulting services - <i>Specify</i> ↴ _____	36040					
d. Consulting services related to waste management - <i>Specify</i> ↴ _____	38640					

CONTINUE WITH **22** ON PAGE 11

CONTINUE ON PAGE 11

56201106

If not shown, please enter your 11-digit Census File Number (CFN) from the mailing address.

22 DETAIL OF SALES, SHIPMENTS, RECEIPTS, OR REVENUE - Continued

Description of sales, shipments, receipts, or revenue	Cen- sus use	2002				
		Estimates are acceptable. Report dollars OR percents.				
		\$ Bil.	Mil.	Thou.	Dol.	Percent
0723	0720	0721				0722
12. Remediation services - Continued						
e. Environmental emergency response services including planning (e.g., petroleum spills, mine spills)	38650					
f. Other remediation services - <i>Specify</i> ↴ 	38670					
g. Other products related to remediation, including sale and rental or leasing of remediation equipment - <i>Specify</i> ↴ 	38680					
13. Sales of other merchandise - <i>Specify</i> ↴ 	39059					
14. All other operating receipts - <i>Specify if more than 10 percent of total receipts</i> ↴ 	39556					
15. TOTAL OPERATING RECEIPTS - <i>Sum of lines should equal 4 if reporting in dollars</i>	39690					1 0 0

23-24 Not Applicable.

25 EXPORTED SERVICES

NOTE - An exported service is a service performed for a customer or client (individual, government, business establishment, etc.) located **outside** the United States (i.e., outside the 50 States, District of Columbia, U.S. Commonwealth Territories, or U.S. possessions). Services performed for unaffiliated and affiliated foreign firms (i.e., foreign parent firms, subsidiaries, branches, etc.) are included. Services provided to domestic subsidiaries of foreign firms are excluded.

A. Did the receipts or revenue (reported in 4) include any amounts for exported services?

0911 Yes - Go to line B

0912 No

B. Amount of receipts or revenue for exported services 0914

2002			
\$ Bil.	Mil.	Thou.	Dol.

26 SPECIAL INQUIRIES

SUPPORT SERVICES

Was this establishment primarily engaged in providing management, administrative, or support services to other establishments of the same company (rather than for the general public or other business firms) in 2002?

0998 Yes

0999 No

27-28 Not Applicable.



56201114

29 OPERATIONAL STATUS

Activity that best describes this establishment's status at the end of 2002
(Mark "X" only ONE box.)

0011 <input type="checkbox"/> In operation	0014 <input type="checkbox"/> Ceased operation - Give date at right →	0018	Month	Day	Year
0013 <input type="checkbox"/> Temporarily or seasonally inactive	0015 <input type="checkbox"/> Sold or leased to another operator - Give date at right AND enter new name and mailing address below ↴				

0060 Name of new owner or operator		0061 Employer Identification Number			
		Enter EIN of new owner (9 digits) →		-	
0062 Mailing address (number and street, P.O. Box, etc.)					
0063 City, town, village, etc.			0064 State	0065 ZIP Code	
				-	

Remarks (Please use this space for any explanations that may be essential in understanding your reported data.)

30 CERTIFICATION - This report is substantially accurate and was prepared in accordance with the instructions.

Is the time period covered by this report a calendar year?

0078 Yes 0079 No - Enter time period covered →

FROM 0070	Month	Year	TO 0071	Month	Year

0072 Name of person to contact regarding this report			0073 Title		

Telephone 0074	Area code	Number	Extension	Fax 0075	Area code	Number
		-				-

0076 Internet e-mail address			Date completed 0069	Month	Day	Year

Thank you for completing your 2002 Economic Census form.
PLEASE PHOTOCOPY THIS FORM FOR YOUR RECORDS AND RETURN THE ORIGINAL.

56201122