

Table IV.C. Sampling and Analytical Methods

Replace the existing Table IV.C. with the revised Table IV.C. (attached)

Table V.K. Miscellaneous Units

Replace the existing Table V.K. with the revised Table IV.C. (attached)

Table VII.E.1. Permitted Unit Closure Cost Summary

Replace the existing Table VII.E.1. with the revised Table VII.E.1. (attached)

Table VII.E.2. Permitted Unit Post-Closure Cost Summary

Replace the existing Table VII.E.2. with the revised Table VII.E.2. (attached)

Attachment B Authorized Facility Units

Replace Page 9 of 15 of the existing Attachment B with the revised Page 9 of 15 of Attachment D.

Attachment D Authorized Facility Units

Replace the existing Attachment D with the revised Attachment D.

This Class 3 modification is part of Permit No. 50358 and should be attached thereto.

Issued Date: May 10, 2012


For the Commission

Texas Commission on Environmental Quality



Class 1 Permit Modification to Hazardous Waste Permit No. 50358 Waste Control Specialists LLC - Andrews, Andrews County, Texas

Permit No. 50358 is hereby modified as follows:

Continuation Sheet 5 of 62

Provision I.B.

Incorporated Application Materials

Provision I.B. is revised as follows:

B. Incorporated Application Materials

This permit is based on, and the permittee shall follow the Part A and Part B Industrial and Hazardous Waste Application submittals dated February 9, 2004, July 16, 2004, September 1, 2004, November 15, 2004, November 18, 2004, November 29, 2004, January 20, 2005, January 25, 2005, January 27, 2006 (Class 1 Modification to update the emergency coordinator list in the Contingency Plan), May 26, 2006, and June 20, 2006 (Class 1 Modification to update the emergency coordinator list in the Contingency Plan), August 4, 2006 (Class 1 Modification for administrative and informational changes), September 20, 2006 (Class 1 Modification for administrative and informational changes), September 24, 2007 (Class 1 Modification to update the emergency coordinator list in the Contingency Plan), May 29, 2008, revised June 5, 2008 (Class 2 Modification to authorize unloading of hazardous and non hazardous wastes directly into transport trucks, using a railcar dumper, proposed to be installed in a building located within the permitted facility), May 20, 2009 (Class 1¹ Modification to authorize the replacement of the existing unenclosed Railcar Bulk Waste Unloading Area with functionally equivalent enclosed Railcar Pedestal Unloading Building), October 15, 2009 (Class 1¹ Modification to increase the financial assurance for closure so that the stormwater and waste can be placed in landfill Cells F and G prior to closure of Cells C and D), December 11, 2009 (Class 1 Modification to update the emergency coordinator list in the Contingency Plan), May 20, 2010 (Class 1 Modification for changes to the Construction Quality Assurance (CQA) Plan to be consistent with current landfill construction practices, standards, materials, and specifications), December 22, 2010 (Class 1 Modification to authorize a temporary replacement and realignment of a portion of the existing security fence surrounding the permitted East+West Landfill Unit), December 17, 2010 (Class 1¹ Modification to authorize transfer of ownership of the

Class 1 Permit Modification
Hazardous Waste Permit No. 50358

property from Waste Control Specialists LLC to Andrews County), April 12, 2011 (Class 1 Modification to update the emergency coordinator list in the Contingency Plan), May 19, 2011 (Class 1 Modification to include replacement groundwater monitoring well MW-1BR and update emergency coordinator list in the Contingency Plan), May 24, 2011 (Class 1 Modification requesting authorization to add Analytical Method SW-846 6020/EPA Method 200.8 to the list of authorized methods for analysis of metals in groundwater samples), June 2, 2011 (Class 1 Modification to update the emergency coordinator list in the Contingency Plan), September 28, 2011 and revised February 24, 2012 (Class 3 Modification to install and operate Waste Compactor in Stabilization Building), April 27, 2012 (Class 1 Modification to update the emergency coordinator list in the Contingency Plan) and the Application Elements listed in "Attachment C", which are hereby approved subject to the terms of this permit and any other orders of the Texas Commission on Environmental Quality.

These materials are incorporated into this permit by reference as if fully set out herein. Any and all revisions to these elements shall become conditions of this permit upon the date of approval by the Commission.

This Class 1 Permit Modification is part of Permit No. 50358 and should be attached thereto.

Texas Commission on Environmental Quality



Class 1 Permit Modification to Hazardous Waste Permit No. 50358 Waste Control Specialists LLC - Andrews, Andrews County, Texas

Permit No. 50358 is hereby modified as follows:

Continuation Sheet 5 of 62

Provision I.B.

Incorporated Application Materials

Provision I.B. is revised as follows:

B. Incorporated Application Materials

This permit is based on, and the permittee shall follow the Part A and Part B Industrial and Hazardous Waste Application submittals dated February 9, 2004, July 16, 2004, September 1, 2004, November 15, 2004, November 18, 2004, November 29, 2004, January 20, 2005, January 25, 2005, January 27, 2006 (Class 1 Modification to update the emergency coordinator list in the Contingency Plan), May 26, 2006, and June 20, 2006 (Class 1 Modification to update the emergency coordinator list in the Contingency Plan), August 4, 2006 (Class 1 Modification for administrative and informational changes), September 20, 2006 (Class 1 Modification for administrative and informational changes), September 24, 2007 (Class 1 Modification to update the emergency coordinator list in the Contingency Plan), May 29, 2008, revised June 5, 2008 (Class 2 Modification to authorize unloading of hazardous and non hazardous wastes directly into transport trucks, using a railcar dumper, proposed to be installed in a building located within the permitted facility), May 20, 2009 (Class 1¹ Modification to authorize the replacement of the existing unenclosed Railcar Bulk Waste Unloading Area with functionally equivalent enclosed Railcar Pedestal Unloading Building), October 15, 2009 (Class 1¹ Modification to increase the financial assurance for closure so that the stormwater and waste can be placed in landfill Cells F and G prior to closure of Cells C and D), December 11, 2009 (Class 1 Modification to update the emergency coordinator list in the Contingency Plan), May 20, 2010 (Class 1 Modification for changes to the Construction Quality Assurance (CQA) Plan to be consistent with current landfill construction practices, standards, materials, and specifications), December 22, 2010 (Class 1 Modification to authorize a temporary replacement and realignment of a portion of the existing security fence surrounding the permitted East+West Landfill Unit), December 17, 2010 (Class 1¹ Modification to authorize transfer of ownership of the property from Waste Control Specialists LLC to Andrews County), April 12, 2011 (Class 1 Modification to update the emergency coordinator list in the Contingency Plan), May 19,

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2011 (Class 1 Modification to include replacement groundwater monitoring well MW-1BR and update emergency coordinator list in the Contingency Plan), May 24, 2011 (Class 1 Modification requesting authorization to add Analytical Method SW-846 6020/EPA Method 200.8 to the list of authorized methods for analysis of metals in groundwater samples), June 2, 2011 (Class 1 Modification to update the emergency coordinator list in the Contingency Plan), September 28, 2011 and revised February 24, 2012 (Class 3 Modification to install and operate Waste Compactor in Stabilization Building), April 27, 2012 (Class 1 Modification to update the emergency coordinator list in the Contingency Plan), and November 1, 2012 (Class 1 Modification to update facility management and the emergency coordinator list in the Contingency Plan) and the Application Elements listed in "Attachment C", which are hereby approved subject to the terms of this permit and any other orders of the Texas Commission on Environmental Quality.

These materials are incorporated into this permit by reference as if fully set out herein. Any and all revisions to these elements shall become conditions of this permit upon the date of approval by the Commission.

This Class 1 Permit Modification is part of Permit No. 50358 and should be attached thereto.

Texas Commission on Environmental Quality



Class 3 Permit Modification to Hazardous Waste Permit No. 50358 Waste Control Specialists LLC - Andrews, Andrews County, Texas

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Permit Table of Contents

SECTION V AUTHORIZED UNITS AND OPERATIONS

Revise Section V.D.- Surface Impoundments in the Permit Table of Contents to read as follows:

D. Surface Impoundments.....23

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Provision I.B. Incorporated Application Materials

Provision I.B. is revised as follows:

B. Incorporated Application Materials

This permit is based on, and the permittee shall follow the Part A and Part B Industrial and Hazardous Waste Application submittals dated February 9, 2004, July 16, 2004, September 1, 2004, November 15, 2004, November 18, 2004, November 29, 2004, January 20, 2005, January 25, 2005, January 27, 2006 (Class 1 Modification to update the emergency coordinator list in the Contingency Plan), May 26, 2006, and June 20, 2006 (Class 1 Modification to update the emergency coordinator list in the Contingency Plan), August 4, 2006 (Class 1 Modification for administrative and informational changes), September 20, 2006 (Class 1 Modification for administrative and informational changes), September 24, 2007 (Class 1 Modification to update the emergency coordinator list in the Contingency Plan), May 29, 2008, revised June 5, 2008 (Class 2 Modification to authorize unloading of hazardous and non hazardous wastes directly into transport trucks, using a railcar dumper, proposed to be installed in a building located within the permitted facility), May 20, 2009 (Class 1 Modification to authorize the replacement of the existing unenclosed Railcar Bulk Waste Unloading Area with functionally equivalent enclosed Railcar Pedestal Unloading Building), October 15, 2009 (Class 1 Modification to increase the financial assurance for closure so that the stormwater and waste can be placed in landfill Cells F and G prior to closure of Cells C and D), December 11, 2009 (Class 1 Modification to update the emergency coordinator list in the Contingency Plan), May 20, 2010 (Class 1 Modification for changes to the Construction Quality Assurance (CQA) Plan to be consistent with current landfill

construction practices, standards, materials, and specifications), December 22, 2010 (Class 1 Modification to authorize a temporary replacement and realignment of a portion of the existing security fence surrounding the permitted East+West Landfill Unit), December 17, 2010 (Class 1st Modification to authorize transfer of ownership of the property from Waste Control Specialists LLC to Andrews County), April 12, 2011 (Class 1 Modification to update the emergency coordinator list in the Contingency Plan), May 19, 2011 (Class 1 Modification to include replacement groundwater monitoring well MW-1BR and update emergency coordinator list in the Contingency Plan), May 24, 2011 (Class 1st Modification requesting authorization to add Analytical Method SW-846 6020/EPA Method 200.8 to the list of authorized methods for analysis of metals in groundwater samples), June 2, 2011 (Class 1 Modification to update the emergency coordinator list in the Contingency Plan), September 28, 2011 and revised February 24, 2012 (Class 3 Modification to install and operate Waste Compactor in Stabilization Building), October 28, 2011, April 4, 2012, April 18, 2012, July 24, 2012, and November 1, 2012 (Class 3 Modification to install and operate a Surface Impoundment at the facility), April 27, 2012 (Class 1 Modification to update the emergency coordinator list in the Contingency Plan) and the Application Elements listed in "Attachment C", which are hereby approved subject to the terms of this permit and any other orders of the Texas Commission on Environmental Quality.

These materials are incorporated into this permit by reference as if fully set out herein. Any and all revisions to these elements shall become conditions of this permit upon the date of approval by the Commission.

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Provision III.F

Special Permit Conditions

Permit Provision III.F.3. is added

3. Within Six (6) months of issuance of the Class 3 permit modification, the permittee shall submit a permit modification/amendment application to address the changes from the reduction of the landfill surface area and capacity.

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Provision V.D

Surface Impoundment

Permit Provision V.D. is revised as follows:

1. The Surface impoundment and its approved waste types are shown in Table V.D.1. - Surface Impoundments. The permittee is authorized to operate the surface impoundment for storage and processing of wastes subject to the limitations contained herein and the Part B application. The surface impoundment shall include liner systems as shown in Table V.D.6 - Surface Impoundment Liner System, and Attachment B.
 - a. Wastes authorized in Table IV.B (Wastes Authorized) for the surface impoundment shall meet all the applicable land disposal restrictions under 40 CFR Part 268, prior to placement in the surface impoundment.

- b. The permittee shall comply with the applicable requirements of 40 CFR 264 Subpart K – Surface Impoundment and the Part B application for construction, installation, and operation of the surface impoundment.
 - c. The permittee shall inspect the surface impoundment in accordance with the frequency listed in Table III.D. - Inspection Schedule, to ensure that the unit is maintained in good functional condition, as required by 40 CFR Part 264 Subpart K.
 - d. The permittee shall comply with the applicable requirements specified in the Wastewater Permit WQ0004948000 and Radioactive Material License RO4100 for construction, installation, and operation of the surface impoundment.
2. Action Leakage Rate and Response Action Plan [40 CFR 264.222 and 264.223]
- a. The permittee shall establish an Action Leakage Rate (ALR) pursuant to 40 CFR 264.222. The permittee shall determine if the ALR, given in gallons per acre per day, for each sump has been exceeded by converting the weekly or monthly flow rate from the monitoring data obtained to an average daily flow rate (gallons per acre per day) for each sump. The permittee shall calculate the average daily flow rate for each surface impoundment sump on a weekly basis during the active life and closure period. The ALR for the sumps in each landfill cell is given on Table V.D. – Surface Impoundments.
 - b. Prior to receipt of waste, the permittee shall have in place an approved Response Action Plan (RAP) which meets the requirements of 40 CFR 264.223. The RAP shall set forth the actions to be taken if the ALR is exceeded.

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Provision V.G

Landfills

Permit Provision V.G.1. is revised as follows:

G. Landfills

1. The permittee may dispose of a total volume of 2.31 million cubic yards of hazardous waste in 11 cells (A through K) which are collectively known as East+West Landfill. The landfill cell(s) shall meet the specifications listed in Table V.G.1. - Landfills, Table V.G.6. - Landfill Liner System, Table V.G.7. - Landfill Leachate Collection System. The permittee is authorized to operate the permitted landfill for waste disposal subject to the limitations contained herein.

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VI. GROUNDWATER DETECTION MONITORING

Section VI. is revised to update the groundwater detection monitoring at the facility.

A. Groundwater Monitoring Program

The permittee shall design, construct and maintain a ground-water monitoring program to monitor area ground water throughout the active life of the facility and any post-closure care period. Groundwater monitoring at the facility shall at a minimum consist of a Detection Monitoring System for the locally named "225-foot zone" of the Triassic Dockum Group of the Chinle Formation. In addition, supplemental wells for the landfill (permit Unit No. 2) will monitor the locally named "125-foot zone" of the Dockum Group, and supplemental wells for the surface impoundment (Permit Unit No. 12) will monitor the undifferentiated shallow Ogallala Antler Gatuna (OAG) unit. The Detection Monitoring System shall yield groundwater samples from the uppermost aquifer that represents the quality of background water and the quality of ground water at the point of compliance.

1. Identification of Detection Monitoring Program Units

The Detection Monitoring Program is specific to the RCRA-regulated units listed in Table VI.B.3.b. - Unit Groundwater Detection Monitoring System and as authorized by Provisions V.D.(Surface Impoundments) and V.G. (Landfills) for which groundwater monitoring requirements apply pursuant to 30 TAC Section 335.164.

2. Capabilities of Detection Monitoring Systems

The Detection Monitoring System shall yield groundwater samples from the uppermost aquifer/water-bearing zones that represent the quality of background water that has not been affected by operation of the regulated unit and that represent the quality of ground water passing the point of compliance. This system shall be capable of detecting a release from the regulated unit to the ground water.

3. Point of Compliance

The point of compliance for the Detection Monitoring System is defined by a vertical surface, located at the hydraulically downgradient limit of the waste management area that extends down into the uppermost aquifer/water bearing zone underlying the regulated unit. The waste management area is the limit projected in the horizontal plane of the area on which waste will be placed during the active life of the regulated unit.

4. Detection Monitoring Program

The permittee .

is required to install and operate a Detection Monitoring System subject to the limitations contained herein. The Detection Monitoring System wells for each unit are listed in Table VI.B.3.b - Unit Groundwater Detection Monitoring System. Wells identified as proposed in Table VI.B.3.b - Unit Groundwater Detection Monitoring System shall be installed in accordance with the compliance scheduling requirements of permit Provision VI.I.

- a. A Detection Monitoring System shall, at a minimum, consist of three categories of wells, Background, Point of Compliance and Supplemental Wells, which will be used to establish groundwater quality for each RCRA-regulated unit.

- 1) Background Wells are those wells that are unaffected by the operations of the unit. The Background Wells are depicted in Attachment E (permit application Detection Monitoring System Wells Map) and are also listed in Table VI.B.3.b.-Unit Groundwater Detection Monitoring System (MW-1A&B through MW-4A & B).
 - 2) Point of Compliance (POC) Wells are used to demonstrate compliance with the Detection Monitoring Parameters which are listed on Table VI.B.3.c.-Groundwater Detection Monitoring Parameters. POC Wells are designated in Attachment E (permit application Detection Monitoring System Wells Map) and are also listed in Table VI.B.3.b.-Unit Groundwater Detection Monitoring System (DW-32A&B through DW-42 A&B and DW-60 through DW -65).
 - 3) The Detection Monitoring System shall also include Supplemental Wells, to establish groundwater quality and hydrogeologic conditions of the "125-foot zone" for the landfill (Permit Unit No. 2) and OAG Unit for the Surface Impoundment (Permit Unit 12). Supplemental monitoring wells listed on Table VI.B.3.b.-Unit Groundwater Detection Monitoring System (SW-32 through SW-42 and SW-60 through 65) shall be inspected for the presence of liquids each time the detection monitoring system is sampled. Should any supplemental monitoring well contain liquids in an amount which may be practicably sampled, the supplemental monitoring well(s) shall be monitored in accordance with all of the requirements of Section VI. of this permit applicable to Point of Compliance (POC) wells.
- b. The permittee shall determine groundwater quality in the uppermost aquifer throughout the active life of the facility and any post-closure care period in accordance with the parameter list and sampling schedule specified in Provisions VI.C.2. and VI.D.2. respectively.
 - c. The design, construction, maintenance and operation of the authorized components of the Detection Monitoring Program must be in accordance with this permit and approved Part B Permit Application Attachment VI., which is incorporated into this permit through Permit Provision I.B.

B. Construction, Certification, and Plugging

Wells shall be constructed and maintained so groundwater samples are representative of the aquifer's water quality. A record of drilling and construction details demonstrating compliance with the terms of this permit section shall be prepared in accordance with Attachment F (Well Design and Construction Specifications). Wells constructed prior to issuance of this permit may be utilized as groundwater monitoring wells if they meet the standards of Attachment F (Well Design and Construction Specifications).

1. Well Construction

- a. For all groundwater monitor wells to be constructed in accordance with this permit, the permittee shall notify the Executive Director to report the proposed monitor well location and screened interval at least thirty (30) days in advance of the anticipated date of installation or in accordance with an approved schedule for installation.

Alternatively, a schedule for installation issued as part of an approved work plan shall constitute such notification. New well construction shall commence upon written approval of the Executive Director within the timeframes specified in this permit.

- b. The permittee shall install the wells of the Detection and Supplemental Monitoring System and submit certification of this installation within sixty (60) days of installation, as described in Attachment F (Well Design and Construction Specifications). The Detection and Supplemental Monitoring Wells shall be installed in accordance with the specifications outlined in Attachment F (Well Design and Construction Specifications).

2. Replacement Wells

Prior to installation of a replacement well, the permittee shall submit to the Executive Director for approval, the replacement well specifications and an explanation of why the well is being replaced. For any Detection Monitoring System well to be considered a replacement well and not a new well, the well shall have no design changes from the well being replaced; shall be drilled within fifteen (15) feet of the well being replaced; and shall be installed in accordance with this Provision and Attachment F (Well Design and Construction Specifications).

3. Well Management Activities Requiring Permit Modification

- a. If the permittee or the Executive Director determines that the well integrity, materials of construction, or well placement no longer enable a well to yield samples representative of groundwater quality from the desired aquifer(s), then the permittee shall submit a permit modification or amendment request to the Executive Director in accordance with the provisions of 30 TAC Sections 305.62 and 305.69, respectively, describing actions the permittee will take to remedy the situation. The permittee shall also notify the Executive Director within fifteen (15) days of such determination regarding a well.
- b. The permittee shall submit a permit modification or amendment request to the Executive Director in accordance with the provisions of 30 TAC Sections 305.62 and 305.69, respectively, when new POC, or Background Wells are to be constructed after issuance of this permit (i.e., if the wells have not been included in the approved Part B Permit Application materials referenced in permit Provision I.B.).
- c. The permittee shall submit a permit modification or amendment request, for installation of a new well, to the Executive Director in accordance with the provisions of 30 TAC Sections 305.62 and 305.69, respectively, when any wells being replaced do not meet the requirements of Provision VI.B.2.

4. Plugging and Abandonment Procedures

- a. If a Detection Monitoring Well listed in Table VI.B.3.b.-Unit Groundwater Detection Monitoring System is plugged and abandoned and a replacement well is not installed in accordance with this permit, then a modification request shall be

submitted in accordance with 30 TAC Section 305.69 within 90 days of the plugging and abandonment procedure to update Table VI.B.3.b.-Unit Groundwater Detection Monitoring System of the permit.

- b. For all wells to be plugged and abandoned after issuance of this permit, the permittee shall follow the procedures specified in Attachment F (Well Design and Construction Specifications).

C. Detection Monitoring System: Operation

1. Uppermost Aquifer/Water-Bearing Zone Monitored by the Detection Monitoring System. The Detection Monitoring System shall be designed to monitor the ground water in the uppermost aquifer/water-bearing zone. The "uppermost aquifer", as referenced in this permit, refers to the locally named "225-foot zone" of the Triassic Dockum Group of the Chinle Formation. The "225 foot zone" of the Dockum Group ranges in elevation from approximately 3250 feet above Mean Sea Level (MSL) to 3215 above MSL. The top of the uppermost aquifer/water-bearing zone is approximately 225 feet below ground surface (BGS). Ground water is typically encountered 225 feet BGS. A siltstone zone that occurs at a depth of 125 feet below ground surface and is locally named the "125-foot zone" of the Dockum Group shall also be monitored at the landfill (Permit Unit No. 2) in accordance with provision VI.A.4.a.(3). An upper single hydrogeologic unit which consists of unconsolidated or semi consolidated sand and gravel and is referred to as the undifferentiated Ogallala, Antler, Gatuna (OAG) unit occurs directly above the Dockum Group locally and is located approximately 0 to 30 feet BGS shall also be monitored at the surface impoundment (Permit Unit No. 12) in accordance with provision VI.A.4.a.(3).
2. Groundwater Detection Monitoring Parameters and Compliance
 - a. The permittee shall monitor wells identified in Provision VI.A.4.a. and listed in VI.B.3.b.-Unit Groundwater Detection Monitoring System. The uppermost aquifer's groundwater quality will be evaluated based on the parameters listed in Table VI.B.3.c.-Groundwater Detection Monitoring Parameters. Sampling and analysis for the Groundwater Detection Monitoring Parameters of Table VI.B.3.c.-Groundwater Detection Monitoring Parameters shall be conducted in accordance with Provision II.B.1.b. of this permit. [30 TAC Section 335.164(1)]
 - b. Background groundwater quality for a monitoring parameter or constituent shall be based on a sequence of at least one sample. The permittee shall determine the concentrations of the detection monitoring parameters and water quality parameters listed in Table VI.B.3.c.-Groundwater Detection Monitoring Parameters for each sample collected.
 - c. Compliance with the Groundwater Detection Monitoring Parameters listed in Table VI.B.3.c.-Groundwater Detection Monitoring Parameters is defined by the results of the data evaluation of Provision VI.D.4. wherein the groundwater monitoring data for each well does not exhibit evidence of contamination over background values. If any POC Well is determined to be noncompliant with Table VI.B.3.c.-Groundwater Detection Monitoring Parameters at any time during the Detection Monitoring Program, the permittee shall respond and report according to Provision VI.E.1.

3. Post-Closure Care Period

The units listed in Provision VI.A.1, shall remain in the Detection Monitoring Program during the active life of each unit and during any applicable Post-Closure Care period. After closure activities are completed for a specified unit and certification of closure is received by the Executive Director, any applicable Post-Closure Care period shall begin. If the Post-Closure Care Period has expired and evidence of statistically significant increase (SSI) of the Groundwater Detection Monitoring Parameters of Table VI.B.3.c.-Groundwater Detection Monitoring Parameters has not been confirmed in the ground water, then the permittee shall notify the Executive Director in writing at least 30 days prior to discontinuing the Detection Monitoring Program for the specified unit. Within 90 days of the notification, the permittee shall submit a final report to the Commission for the specified unit. The final report shall include the information required by the annual report of Provision VI.G.

4. Waste Management of Recovered Groundwater

- a. Recovered ground water from a Detection Monitoring Well with no known contamination may be managed as uncontaminated prior to analysis. Following analysis, if the permittee determines that a Table VI.B.3.c.-Groundwater Detection Monitoring Parameter has an SSI over background value, the recovered groundwater shall be managed as contaminated water.
- b. Recovered ground water with known contamination which exceeds the Table VI.B.3.c.- Groundwater Detection Monitoring Parameters shall be managed as contaminated water.

D. Sampling and Analysis

1. Sampling and Analysis

The permittee shall follow the methods set out in EPA's RCRA Groundwater Monitoring Draft Technical Guidance Document (November 1992) or an alternate method with prior written approval of the Executive Director to collect and preserve samples withdrawn from groundwater monitoring wells. The collected samples shall be managed (i.e., Chain of Custody and handling procedure), analyzed, and evaluated (i.e., Quality Assurance/Quality Control (QA/QC)) in accordance with the current edition of U.S. EPA Publication SW-846, Test Methods for Evaluating Solid Waste and American Society for Testing and Materials (ASTM) Standard Test Methods or other equivalent methods with prior written approval of the Executive Director.

- a. All groundwater analyses required by this permit shall be performed using a QA/QC program where all information, data, and resulting decisions are technically sound, statistically valid, and properly documented. All QA/QC program details shall be put in writing and assignments made to qualified personnel. At a minimum, the program shall conform to the QA/QC program details described in the current edition of U.S. EPA Publication SW-846, Test Methods for Evaluating Solid Waste and American Society for Testing and Materials (ASTM) Standard Test Methods or other equivalent methods accepted in writing by the Executive Director.

- b. Groundwater analyses required by this permit shall utilize laboratory methods which are capable of measuring concentrations equal to or less than established background values.
- c. Wells shall be sampled according to the Sampling and Analysis Plan presented in the approved Part B Permit Application Attachment VI, which is incorporated into this permit through Provision I.B. The permittee or the Executive Director shall propose modifications, as necessary, to the Sampling and Analysis Plan in order to achieve the Detection Monitoring Program objectives. Any and all revisions to the plan shall become conditions of this permit at the beginning of the next full quarter after approval by the Executive Director.

2. Sampling and Analysis Frequencies and Parameters

- a. Frequencies of sampling shall be monthly, quarterly, semiannually or yearly, depending on the sampling objective. These periods of time are defined below:
 - 1) "Month" shall be a calendar month;
 - 2) "Quarter" shall be based on divisions of the calendar year (i.e., January through March, April through June, July through September, October through December);
 - 3) "Semiannual" shall be based on divisions of the calendar year (i.e., January through June, July through December) and consist of two consecutive quarters;
 - 4) "Annual" or "Year" shall be four consecutive quarters, beginning with the first quarter. Years shall be designated consecutively, beginning with the "first year", "second year", etc.; and,
 - 5) "Calendar year" shall be based on divisions of the calendar (i.e. January through December).
- b. Sampling of wells shall commence during the first complete quarter after initial issuance of this permit, or during the first quarter of operation if the permit is issued for a new unit. Samples shall be collected during the first thirty (30) days of the specified sampling frequency.
- c. In the first and subsequent years of the Detection Monitoring Program, the wells of Table VI.B.3.b.-Unit Groundwater Detection Monitoring System shall be sampled and analyzed according to Provision VI.D.2.d.
- d. The permittee shall, during April and October of each year, sample the detection monitoring system wells. A sample shall be obtained from each of the even numbered upgradient wells and downgradient wells during the October sampling event, and a sample shall be obtained from each of the odd numbered upgradient wells and downgradient wells during the April sampling event. The permittee shall analyze each sample to determine the concentration of each detection monitoring parameter listed in Table VI.B.3.c.-Groundwater Detection Monitoring Parameters. The designated upgradient groundwater monitoring listed in Table

VI.B.3.b.-Unit Groundwater Detection Monitoring System will only be analyzed for metal monitoring parameters listed in Table VI.B.3.c.-Groundwater Detection Monitoring Parameters.

- e. Field determination requirements for wells listed in Table VI.B.3.b.-Unit Groundwater Detection Monitoring System consist of the following measurements or observations for each well that will be sampled which shall be established during each sampling event:
- 1) Water level measurements relative to Mean Sea Level measured to within 0.01 foot.
 - 2) Determination of pH, temperature, Specific Conductivity and Turbidity in nephelometric turbidity units, for each well.
 - 3) Descriptions of water sample appearance (clarity, color, etc.) shall be recorded.
 - 4) The total depth of each well, which is not equipped with a dedicated pump, shall be measured during each sampling event.

The total depth of each well equipped with a dedicated pump shall be measured when pumps are removed for maintenance. At a minimum, the wells with dedicated pumps will be checked for silting every 3 years. The measured total depth shall be compared to the total depth recorded on the well construction log. Should an analysis of the measured and the recorded total depth reveal that the well is silting in, the permittee shall perform such actions necessary (redevelopment, replacement, etc.) to enable the well to function properly.

- 5) All wells specified in this permit shall be inspected during each sampling event. Repairs or a proposal for replacement for any affected well shall be performed within ninety (90) days of the routine sampling event inspection which identified the problem well.

3. Statistical Procedures for Data Evaluation

- a. For each POC Well sampled during each sampling event, the permittee shall determine whether there is evidence of an statistically significant increase (SSI) in the concentrations of each volatile and semivolatile organic monitoring Parameter listed Table VI.B.3.c.-Groundwater Detection Monitoring Parameters as outlined in Provision VI.D.3.b.
- b. The procedures that shall be used to determine if an increase has occurred over background values shall be direct comparison to the concentration limits listed in Table VI.B.3.c.-Groundwater Detection Monitoring Parameters for volatile and semivolatile organics, for the following units identified in Provision VI.A.1.: TCEQ Permit Unit Nos. 2 and 12. To employ the identified evaluation procedure, the permittee is required to collect a minimum of one sample from each unit's Background and POC Wells following the sampling schedule outlined in Provision VI.D.2.d. If a measured value exceeds the concentration limit, the permittee shall promptly resample monitoring well(s) in question, determine the concentration of

the parameter(s) for which the exceedence was indicated and compare the results of the re-sampling event to the concentration limit(s). The permittee has determined an SSI has occurred if the re-sample analysis confirms the initial result.

- c. If it is determined that the selected statistical procedure is not appropriate to conduct data evaluation for a specified unit, then the permittee shall select an alternate statistical procedure. Prior to using a statistical procedure which is different than the one identified in Provision VI.D.3.b., the permittee shall obtain approval from the Executive Director through a permit amendment or modification as specified in 30 TAC Sections 305.62 and 305.69, respectively.

4. Data Evaluation

- a. Statistical data evaluations shall be completed within sixty (60) days of the sampling date unless QA/QC procedures show that data is unacceptable and re-analysis or resampling must be performed. In such cases, the Executive Director will be notified as soon as it becomes apparent that the 60-day time limit to conduct data evaluation cannot be met.
- b. Statistical data evaluation shall determine whether there is evidence of an SSI for the volatile and semi-volatile organic monitoring Parameters listed in Table VI.B.3.c.-Groundwater Detection Monitoring Parameters each time groundwater quality is determined at the POC in accordance with 30 TAC Section 335.163(7).
- c. In addition to the statistical evaluation procedures established in Provision VI.D.3., the permittee shall evaluate the analytical data obtained for the metal monitoring parameters listed in Table VI.B.3.c. – Groundwater Detection Monitoring Parameters. This data evaluation shall consist of a review of graphical representations of each of the metal parameter concentrations in each well over time. This evaluation of the metals data shall be performed annually and included in the annual report required under Provision VI.G.

E. Response Requirements for Increase in Groundwater Monitoring Parameters

1. If the permittee has determined an SSI for any of the Groundwater Monitoring Parameters identified in Table VI.B.3.c.-Groundwater Detection Monitoring Parameters in accordance with procedures authorized by Provision VI.D.3. and specified by the permittee, the permittee shall perform the following actions:
 - a. Notify the Executive Director in writing, within seven (7) days. The notification must indicate which Groundwater Detection Monitoring Parameter(s) of Table VI.B.3.c.-Groundwater Detection Monitoring Parameters has exhibited an SSI.
 - b. Immediately sample the ground water in all wells of Table VI.B.3.b.-Unit Groundwater Detection Monitoring System which exhibit an SSI for the specified unit and determine whether constituents of Appendix IX of 40 CFR 264 are present, and if so, in what concentrations.
 - c. For any Appendix IX hazardous constituent found in the analysis pursuant to Provision VI.E.1.b., the permittee may resample for hazardous constituents within

one month and repeat the analysis for those compounds detected. If the results of the second analysis confirm the initial results, then these detected constituents will form the basis for a Compliance Monitoring Program. If the permittee does not resample for the constituents found pursuant to Provision VI.E.1.b., the hazardous constituents found during the initial Appendix IX analysis will form the basis for the Compliance Monitoring Program.

- d. Upon establishing that a release has occurred from a unit, the permittee shall submit to the Executive Director a permit amendment or modification to modify the Detection Monitoring Program and a compliance plan application to initiate a Compliance Monitoring Program and/or a Corrective Action Program for the specified unit. The permit and compliance plan applications must be submitted based on the following schedule:
 - 1) If ground water downgradient of the specified unit does not exceed the requirements in 30 TAC Section 335.158 for the proposed groundwater protection standard (GWPS), then within ninety (90) days, the permittee shall submit a permit amendment and a compliance plan application to establish a Compliance Monitoring Program for the specified unit;
 - 2) If ground water downgradient of the specified unit exceeds the requirements in 30 TAC Section 335.158 for the proposed GWPS requested in the application for a specified unit, and an Alternate Concentration Limit (ACL) is not being proposed in the application in accordance with 30 TAC Section 335.160(b) to establish the GWPS, then within 180 days, the permittee shall submit a permit amendment or modification and a compliance plan application to establish a Corrective Action Program for the specified unit.
 - 3) If ground water downgradient of the specified unit exceeds the requirements in 30 TAC Section 335.158 for the proposed GWPS requested in the application for a specified unit, and an ACL is being proposed in the application in accordance with 30 TAC Section 335.160(b) to establish the GWPS, then within 180 days, the permittee shall submit a permit amendment or modification and a compliance plan application with an ACL demonstration to establish a Corrective Action Program for the specified unit.
2. If the permittee determines that there is an SSI above (or for pH, a statistically significant variation from) background values for the Groundwater Detection Monitoring Parameters specified in Table VI.B.3.c., the permittee may demonstrate a source other than the RCRA-regulated unit caused the increase or that the increase resulted from error in sampling, analysis, or evaluation. In such cases, the permittee shall perform the following actions:
 - a. Notify the Executive Director in writing within seven (7) days that the permittee intends to make a demonstration.
 - b. Within ninety (90) days, submit a report to the Executive Director which demonstrates that a source other than a RCRA-regulated unit caused the increase, or that the increase resulted from error in sampling, analysis, or evaluation.

- c. Submit to the Executive Director an application for a permit amendment or modification and a compliance plan application to make any appropriate changes to the Detection Monitoring Program at the facility. The applications shall be submitted in accordance with Provision VI.E.1.d.
- d. Continue to monitor ground water in accordance with the Detection Monitoring Program at the facility.

F. Revised Detection Monitoring Program

If the permittee or the Executive Director determines that the Detection Monitoring Program no longer satisfies the requirements of 30 TAC Section 335.164, the permittee must, within ninety (90) days of either the permittee's determination or Executive Director's notification, submit a permit amendment or modification request to make any appropriate changes to the Detection Monitoring Program which will satisfy the regulations.

G. Annual Detection Monitoring Reporting Requirements

The permittee shall submit an Annual Detection Monitoring Report which shall include the following information determined since the previously submitted report:

1. A statement whether an SSI has occurred over background values in any well during the previous calendar year period and the status of any increase events.
2. The results of all monitoring, testing, and analytical work obtained or prepared pursuant to the requirements of this permit, including a summary of background groundwater quality values, groundwater monitoring analyses, statistical calculations, graphical evaluations, and drawings.
3. The groundwater flow rate and direction in the uppermost aquifer. The rate and direction of ground water flow shall be established using, but not limited to, the data collected during the preceding calendar year's sampling events from the monitoring wells of the Detection Monitoring Program. The permittee shall also include in the report all documentation used to determine the groundwater flow rate and direction.
4. A contour map of piezometric water levels in the uppermost aquifer based at a minimum upon concurrent measurements in each detection monitoring system well sampled during each monitoring event. All data or documentation used to establish the contour map should be included in the report.
5. Recommendation for any changes.
6. Any other items requested by the Executive Director.

H. Record Keeping Requirements

1. The permittee shall enter all monitoring, testing, analytical, statistical test computation data used in evaluating groundwater monitoring data, and inspection data obtained or prepared pursuant to the requirements of this permit, including graphs and drawings, in the operating record at the facility.
2. The operating record at the facility shall be made available for review by the staff of the Commission upon request.

I. Compliance Scheduling Requirements

The permittee shall submit the following in accordance with the scheduled time periods:

1. The permittee shall complete the installation of all wells for the landfill (Permit Unit No. 2) required by Table VI.B.3.b.-Unit Groundwater Detection Monitoring System prior to waste disposal in the corresponding landfill cell(s) as outlined in the Part B Application, Attachment VI, which is incorporated into this permit through permit Provision I.B.

Sheet 51 of 62

Provision VII.B. Financial Assurance for Closure

Provision VII.B.1. is revised to update the financial assurance for Closure.

B. Financial Assurance for Closure

1. The permittee shall provide financial assurance for closure of all existing permitted units covered by this permit in an amount not less than \$10, 719,478 (2011 dollars) as shown on Table VII.E.1. - Permitted Unit Closure Cost Summary. The permittee shall provide financial assurance for the unconstructed proposed units in an amount not less than \$4,997,929 (2011 dollars) as shown on Table VII.E.1.-Permitted Unit Closure Cost Summary in accordance with Provision VII.B.1.a.(1). Financial assurance shall be secured and maintained in compliance with 30 TAC Chapter 37, Subchapter P; and 335.179. Financial assurance is subject to the following:
 - a. Adjustments to Financial Assurance Amount:
 - 1) At least 60 days prior to acceptance of waste in proposed permitted units listed in Table VII.E.1.- Permitted Unit Closure Cost Summary, the permittee shall increase the amount of financial assurance required for closure by the amounts listed in Table VII.E.1. and shall submit additional financial assurance documentation.
 - 2) The amount of financial assurance for closure of existing units, may be reduced by the amount listed in Table VII.E.1.-Permitted Unit Closure Cost Summary, upon certification of closure of an existing permitted unit, in accordance with Provision VII.A.4., and upon written approval of the Executive Director.

b. Annual Inflation Adjustments

Financial assurance for closure, including any adjustments after permit issuance, shall be corrected for inflation according to the methods described by 30 TAC Sections 37.131 and 37.141.

Sheet 52 of 62

Provision VII.D. Surface Impoundment Unit Closure Requirements

Provision VII.D. is revised to include surface impoundment.

D. Surface Impoundment Closure Requirements

1. The permittee shall close the surface impoundment identified as TCEQ Permit Unit No. 12 (Surface Impoundment) in accordance with the approved Closure Plan, 40 CFR Part 264, Subpart G, 40 CFR 264.228, and the Texas Risk Reduction Program (TRRP) 30 TAC Chapter 350, Remedy Standard A (RSA).
2. The permittee shall comply with applicable requirements of Provision VII.A. for closure of Surface impoundment under Remedy Standard A for decontamination and removal of waste, waste residues, contaminated structures, and equipment.
3. Upon decontamination and/or removal of waste, waste residues, contaminated equipment and structures, the permittee shall conduct soil sampling underneath the surface impoundment to demonstrate soil contamination has not occurred. Sufficiently detailed analyses of samples representative of soils underneath the surface impoundment shall be performed to verify removal or decontamination of all waste and waste residues.
4. In order to achieve a RSA closure, the permittee must demonstrate that the monitoring of the detection monitoring system described in Permit Provision VI, for surface impoundment shows no statistically significant increase in the water quality of each down-gradient point of compliance well above the established background value or PCL. The permittee may use the groundwater data collected as part of the detection monitoring program to demonstrate this requirement.
5. If the surface impoundment is closed under RSA for Commercial/Industrial land use, the permittee shall comply with the institutional control requirements of 30 TAC Section 350.31(g) as appropriate.
6. If the permittee intends to remove all hazardous waste from a surface impoundment at closure and is not otherwise required to submit a Contingent Closure or Post-Closure Care Plan under 30 TAC Section 335.169(c)(1) or 40 CFR 264.228(c)(1), a permit modification which includes a Contingent Closure and Post-Closure Plan must be submitted no later than sixty (60) days (Closure Plan) or ninety (90) days (Post-Closure Care Plan) from the date that the permittee or the Executive Director determines that the hazardous waste management unit must be closed as a landfill, subject to the requirements of 30 TAC Section 335.174, or no later than thirty (30) days (Closure Plan) from that date if the determination is made during partial or final closure.

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Provision VII.H. Financial Assurance for Post-Closure

Permit Provision V.H.1. is revised as follows:

1. The permittee shall provide financial assurance for post-closure care of all existing units required by this permit in an amount not less than \$\$ 2, 333,438 (2011 dollars) as shown on Table VII.E.2.-Permitted Unit Post Closure Cost Summary. Financial assurance shall be secured and maintained in compliance with 30 TAC Chapter 37, Subchapter P and 30 TAC Section 335.152.

Table III.D. Inspection Table

Replace the existing Table III.D. with the revised Table III.D. (attached)

Table IV.B. Wastes Managed In Permitted Units

Replace the existing Table IV.B. with the revised Table IV.B. (attached)

Table IV.C. Sampling and Analytical Methods

Replace the existing Table IV.C. with the revised Table IV.C. (attached)

Table V.D.1. Surface Impoundments

Include New Table V.D.1. for the addition of new surface impoundment.(attached)

Table V.D.6. Surface Impoundment Liner System

Include New Table V.D.6. for the addition of new surface impoundment. (attached)

Table V.G.1. Landfills

Replace the existing Table V.G.1. with the revised Table V.G.1. (attached)

Table VI.B.3.b. Unit Groundwater Detection Monitoring System (attached)

Replace the existing Table VI.B.3.b. with the revised Table VI.B.3.b. (attached)

Table VI.B.3.c. Groundwater Detection Monitoring Parameters

Replace the existing Table VI.B.3.c. with the revised Table VI.B.3.c. (attached)

Table VII.E.1. Permitted Unit Closure Cost Summary

Replace the existing Table VII.E.1. with the revised Table VII.E.1. (attached)

Table VII.E.2. Permitted Unit Post-Closure Cost Summary

Replace the existing Table VII.E.2. with the revised Table VII.E.2. (attached)

Attachment B Authorized Facility Units

Replace Page 2 of the existing Attachment B and add pages 16 through 19 for Attachment B.

Attachment D Authorized Facility Units

Replace the existing Attachment D with the revised Attachment D.

Attachment E Maps Indicating Point of Compliance Wells and Groundwater Monitoring Wells

Replace the existing Attachment E with the revised Attachment E.

This Class 3 modification is part of Permit No. 50358 and should be attached thereto.

Issued Date: February 7, 2013


For the Commission

Texas Commission on Environmental Quality



Class 1 Permit Modification to Hazardous Waste Permit No. 50358 Waste Control Specialists LLC - Andrews, Andrews County, Texas

Permit No. 50358 is hereby modified as follows:

Continuation Sheet 5 of 62

Provision I.B. Incorporated Application Materials

Provision I.B. is revised as follows:

B. Incorporated Application Materials

This permit is based on, and the permittee shall follow the Part A and Part B Industrial and Hazardous Waste Application submittals dated February 9, 2004, July 16, 2004, September 1, 2004, November 15, 2004, November 18, 2004, November 29, 2004, January 20, 2005, January 25, 2005, January 27, 2006 (Class 1 Modification to update the emergency coordinator list in the Contingency Plan), May 26, 2006, and June 20, 2006 (Class 1 Modification to update the emergency coordinator list in the Contingency Plan), August 4, 2006 (Class 1 Modification for administrative and informational changes), September 20, 2006 (Class 1 Modification for administrative and informational changes), September 24, 2007 (Class 1 Modification to update the emergency coordinator list in the Contingency Plan), May 29, 2008, revised June 5, 2008 (Class 2 Modification to authorize unloading of hazardous and non hazardous wastes directly into transport trucks, using a railcar dumper, proposed to be installed in a building located within the permitted facility), May 20, 2009 (Class 1¹ Modification to authorize the replacement of the existing unenclosed Railcar Bulk Waste Unloading Area with functionally equivalent enclosed Railcar Pedestal Unloading Building), October 15, 2009 (Class 1¹ Modification to increase the financial assurance for closure so that the stormwater and waste can be placed in landfill Cells F and G prior to closure of Cells C and D), December 11, 2009 (Class 1 Modification to update the emergency coordinator list in the Contingency Plan), May 20, 2010 (Class 1 Modification for changes to the Construction Quality Assurance (CQA) Plan to be consistent with current landfill construction practices, standards, materials, and specifications), December 22, 2010 (Class 1 Modification to authorize a temporary replacement and realignment of a portion of the existing security fence surrounding the permitted East+West Landfill Unit), December 17, 2010 (Class 1¹ Modification to authorize transfer of ownership of the property from Waste Control Specialists LLC to Andrews County), April 12, 2011 (Class 1 Modification to update the emergency coordinator list in the Contingency Plan), May 19,

Class 1 Permit Modification
Hazardous Waste Permit No. 50358

2011 (Class 1 Modification to include replacement groundwater monitoring well MW-1BR and update emergency coordinator list in the Contingency Plan), May 24, 2011 (Class 1st Modification requesting authorization to add Analytical Method SW-846 6020/EPA Method 200.8 to the list of authorized methods for analysis of metals in groundwater samples), June 2, 2011 (Class 1 Modification to update the emergency coordinator list in the Contingency Plan), September 28, 2011 and revised February 24, 2012 (Class 3 Modification to install and operate Waste Compactor in Stabilization Building), October 28, 2011, April 4, 2012, April 18, 2012, July 24, 2012, and November 1, 2012 (Class 3 Modification to install and operate a Surface Impoundment at the facility), April 27, 2012 (Class 1 Modification to update the emergency coordinator list in the Contingency Plan), November 1, 2012 (Class 1 Modification to update facility management and the emergency coordinator list in the Contingency Plan), and February 6, 2013 (Class 1 Modification to update the emergency coordinator list in the Contingency Plan) and the Application Elements listed in "Attachment C", which are hereby approved subject to the terms of this permit and any other orders of the Texas Commission on Environmental Quality.

These materials are incorporated into this permit by reference as if fully set out herein. Any and all revisions to these elements shall become conditions of this permit upon the date of approval by the Commission.

This Class 1 Permit Modification is part of Permit No. 50358 and should be attached thereto.

Texas Commission on Environmental Quality



Class 1 Permit Modification to Hazardous Waste Permit No. 50358 Waste Control Specialists LLC - Andrews, Andrews County, Texas

Permit No. 50358 is hereby modified as follows:

Continuation Sheet 5 of 62

Provision I.B.

Incorporated Application Materials

Provision I.B. is revised as follows:

B. Incorporated Application Materials

This permit is based on, and the permittee shall follow the Part A and Part B Industrial and Hazardous Waste Application submittals dated February 9, 2004, July 16, 2004, September 1, 2004, November 15, 2004, November 18, 2004, November 29, 2004, January 20, 2005, January 25, 2005, January 27, 2006 (Class 1 Modification to update the emergency coordinator list in the Contingency Plan), May 26, 2006, and June 20, 2006 (Class 1 Modification to update the emergency coordinator list in the Contingency Plan), August 4, 2006 (Class 1 Modification for administrative and informational changes), September 20, 2006 (Class 1 Modification for administrative and informational changes), September 24, 2007 (Class 1 Modification to update the emergency coordinator list in the Contingency Plan), May 29, 2008, revised June 5, 2008 (Class 2 Modification to authorize unloading of hazardous and non hazardous wastes directly into transport trucks, using a railcar dumper, proposed to be installed in a building located within the permitted facility), May 20, 2009 (Class 1¹ Modification to authorize the replacement of the existing unenclosed Railcar Bulk Waste Unloading Area with functionally equivalent enclosed Railcar Pedestal Unloading Building), October 15, 2009 (Class 1¹ Modification to increase the financial assurance for closure so that the stormwater and waste can be placed in landfill Cells F and G prior to closure of Cells C and D), December 11, 2009 (Class 1 Modification to update the emergency coordinator list in the Contingency Plan), May 20, 2010 (Class 1 Modification for changes to the Construction Quality Assurance (CQA) Plan to be consistent with current landfill construction practices, standards, materials, and specifications), December 22, 2010 (Class 1 Modification to authorize a temporary replacement and realignment of a portion of the existing security fence surrounding the permitted East+West Landfill Unit), December 17, 2010 (Class 1¹ Modification to authorize transfer of ownership of the property from Waste Control Specialists LLC to Andrews County), April 12, 2011 (Class 1 Modification to update the emergency coordinator list in the Contingency Plan), May 19,

2011 (Class 1 Modification to include replacement groundwater monitoring well MW-1BR and update emergency coordinator list in the Contingency Plan), May 24, 2011 (Class 1 Modification requesting authorization to add Analytical Method SW-846 6020/EPA Method 200.8 to the list of authorized methods for analysis of metals in groundwater samples), June 2, 2011 (Class 1 Modification to update the emergency coordinator list in the Contingency Plan), September 28, 2011 and revised February 24, 2012 (Class 3 Modification to install and operate Waste Compactor in Stabilization Building), October 28, 2011, April 4, 2012, April 18, 2012, July 24, 2012, and November 1, 2012 (Class 3 Modification to install and operate a Surface Impoundment at the facility), April 27, 2012 (Class 1 Modification to update the emergency coordinator list in the Contingency Plan), November 1, 2012 (Class 1 Modification to update facility management and the emergency coordinator list in the Contingency Plan), February 6, 2013 (Class 1 Modification to update the emergency coordinator list in the Contingency Plan), and May 6, 2013 (Class 1 Modification to revise permit Provisions IV.B.3.b and IV.B.7 to replace Texas Department of State Health Services (TDSHS) with TCEQ as the authorized agency to approve radioactive waste exemption requests) and the Application Elements listed in "Attachment C", which are hereby approved subject to the terms of this permit and any other orders of the Texas Commission on Environmental Quality.

These materials are incorporated into this permit by reference as if fully set out herein. Any and all revisions to these elements shall become conditions of this permit upon the date of approval by the Commission

Sheet 19 of 62

Provision IV.B.

Authorized Wastes

Permit Provision IV.B.3.b. is revised as follows:

- b. Radioactive materials/wastes unless the permittee is authorized to store and process these wastes in compliance with specific licensing and permitting requirements under Chapter 401 of the Texas Health and Safety Code. In accordance with 30 TAC 336.203, no person shall dispose of radioactive material unless that person has a license or an exemption from the Texas Commission on Environmental Quality (TCEQ) under Texas Health and Safety Code, §401.106(a).

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Provision IV.B.

Authorized Wastes

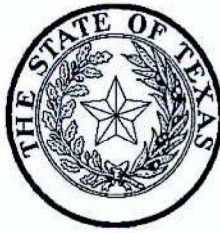
Permit Provision IV.B.7. is revised as follows:

7. Fourteen days prior to acceptance of waste streams containing radioactive material subject to an exemption of the Texas Commission on Environmental Quality (TCEQ), the permittee shall provide notice in writing to the TCEQ that provides information on the waste and states that the radioactive material is subject to an exemption of the TCEQ. Such notification shall include waste volume, generator identification, physical form, characterization information, and sampling data. In lieu of characterization and sampling

data the permittee may provide exemption verification from the U. S. Nuclear Regulatory Commission which is based in TCEQ rule. The permittee shall maintain notification documentation at the facility and the documentation must be made available for review by the staff of the TCEQ upon request.

This Class 1 Permit Modification is part of Permit No. 50358 and should be attached thereto.

Texas Commission on Environmental Quality



Class 1 Permit Modification to Hazardous Waste Permit No. 50358 Waste Control Specialists LLC - Andrews, Andrews County, Texas

Permit No. 50358 is hereby modified as follows:

Continuation Sheet 5 of 62

Provision I.B.

Incorporated Application Materials

Provision I.B. is revised as follows:

B. Incorporated Application Materials

This permit is based on, and the permittee shall follow the Part A and Part B Industrial and Hazardous Waste Application submittals dated February 9, 2004, July 16, 2004, September 1, 2004, November 15, 2004, November 18, 2004, November 29, 2004, January 20, 2005, January 25, 2005, January 27, 2006 (Class 1 Modification to update the emergency coordinator list in the Contingency Plan), May 26, 2006, and June 20, 2006 (Class 1 Modification to update the emergency coordinator list in the Contingency Plan), August 4, 2006 (Class 1 Modification for administrative and informational changes), September 20, 2006 (Class 1 Modification for administrative and informational changes), September 24, 2007 (Class 1 Modification to update the emergency coordinator list in the Contingency Plan), May 29, 2008, revised June 5, 2008 (Class 2 Modification to authorize unloading of hazardous and non hazardous wastes directly into transport trucks, using a railcar dumper, proposed to be installed in a building located within the permitted facility), May 20, 2009 (Class 1st Modification to authorize the replacement of the existing unenclosed Railcar Bulk Waste Unloading Area with functionally equivalent enclosed Railcar Pedestal Unloading Building), October 15, 2009 (Class 1st Modification to increase the financial assurance for closure so that the stormwater and waste can be placed in landfill Cells F and G prior to closure of Cells C and D), December 11, 2009 (Class 1 Modification to update the emergency coordinator list in the Contingency Plan), May 20, 2010 (Class 1 Modification for changes to the Construction Quality Assurance (CQA) Plan to be consistent with current landfill construction practices, standards, materials, and specifications), December 22, 2010 (Class 1 Modification to authorize a temporary replacement and realignment of a portion of the existing security fence surrounding the permitted East+West Landfill Unit), December 17, 2010 (Class 1st Modification to authorize transfer of ownership of the property from Waste Control Specialists LLC to Andrews County), April 12, 2011 (Class 1 Modification to update the emergency coordinator list in the Contingency Plan), May 19,

2011 (Class 1 Modification to include replacement groundwater monitoring well MW-1BR and update emergency coordinator list in the Contingency Plan), May 24, 2011 (Class 1¹ Modification requesting authorization to add Analytical Method SW-846 6020/EPA Method 200.8 to the list of authorized methods for analysis of metals in groundwater samples), June 2, 2011 (Class 1 Modification to update the emergency coordinator list in the Contingency Plan), September 28, 2011 and revised February 24, 2012 (Class 3 Modification to install and operate Waste Compactor in Stabilization Building), October 28, 2011, April 4, 2012, April 18, 2012, July 24, 2012, and November 1, 2012 (Class 3 Modification to install and operate a Surface Impoundment at the facility), April 27, 2012 (Class 1 Modification to update the emergency coordinator list in the Contingency Plan), November 1, 2012 (Class 1 Modification to update facility management and the emergency coordinator list in the Contingency Plan), February 6, 2013 (Class 1 Modification to update the emergency coordinator list in the Contingency Plan), May 6, 2013 (Class 1 Modification to revise permit Provisions IV.B.3.b and IV.B.7 to replace Texas Department of State Health Services (TDSHS) with TCEQ as the authorized agency to approve radioactive waste exemption requests), and May 31, 2013 (Class 1 Modification to correct typographical errors and to update the emergency coordinator list in the Contingency Plan) and the Application Elements listed in "Attachment C", which are hereby approved subject to the terms of this permit and any other orders of the Texas Commission on Environmental Quality.

These materials are incorporated into this permit by reference as if fully set out herein. Any and all revisions to these elements shall become conditions of this permit upon the date of approval by the Commission.

Sheet 37 of 62

Provision VI.A.4. Detection Monitoring Program

Permit Provision VI.A.4. is revised as follows:

4. "The permittee is required to install and operate a Detection Monitoring System subject to the limitations contained herein. The Detection Monitoring System wells for each unit are listed in Table VI.B.3.b - Unit Groundwater Detection Monitoring System. Wells identified as proposed in Table VI.B.3.b - Unit Groundwater Detection Monitoring System shall be installed in accordance with the compliance scheduling requirements of permit Provision VI.I. ..."

Attachment B

The page numbers in Header for each Attachment B pages are revised to reflect the total number of pages as 19.

This Class 1 Permit Modification is part of Permit No. 50358 and should be attached thereto.

Texas Commission on Environmental Quality



Class 2 Permit Modification to Hazardous Waste Permit No. 50358 Waste Control Specialists LLC - Andrews, Andrews County, Texas

Continuation Sheet 5 of 62

Provision I.B. Incorporated Application Materials

Provision I.B. is revised as follows:

B. Incorporated Application Materials

This permit is based on, and the permittee shall follow the Part A and Part B Industrial and Hazardous Waste Application submittals dated February 9, 2004, July 16, 2004, September 1, 2004, November 15, 2004, November 18, 2004, November 29, 2004, January 20, 2005, January 25, 2005, January 27, 2006 (Class 1 Modification to update the emergency coordinator list in the Contingency Plan), May 26, 2006, and June 20, 2006 (Class 1 Modification to update the emergency coordinator list in the Contingency Plan), August 4, 2006 (Class 1 Modification for administrative and informational changes), September 20, 2006 (Class 1 Modification for administrative and informational changes), September 24, 2007 (Class 1 Modification to update the emergency coordinator list in the Contingency Plan), May 29, 2008, revised June 5, 2008 (Class 2 Modification to authorize unloading of hazardous and non-hazardous wastes directly into transport trucks, using a railcar dumper, proposed to be installed in a building located within the permitted facility), May 20, 2009 (Class 1¹ Modification to authorize the replacement of the existing unenclosed Railcar Bulk Waste Unloading Area with functionally equivalent enclosed Railcar Pedestal Unloading Building), October 15, 2009 (Class 1¹ Modification to increase the financial assurance for closure so that the stormwater and waste can be placed in landfill Cells F and G prior to closure of Cells C and D), December 11, 2009 (Class 1 Modification to update the emergency coordinator list in the Contingency Plan), May 20, 2010 (Class 1 Modification for changes to the Construction Quality Assurance (CQA) Plan to be consistent with current landfill construction practices, standards, materials, and specifications), December 22, 2010 (Class 1 Modification to authorize a temporary replacement and realignment of a portion of the existing security fence surrounding the permitted East+West Landfill Unit), December 17, 2010 (Class 1¹ Modification to authorize transfer of ownership of the

property from Waste Control Specialists LLC to Andrews County), April 12, 2011 (Class 1 Modification to update the emergency coordinator list in the Contingency Plan), May 19, 2011 (Class 1 Modification to include replacement groundwater monitoring well MW-1BR and update emergency coordinator list in the Contingency Plan), May 24, 2011 (Class 1 Modification requesting authorization to add Analytical Method SW-846 6020/EPA Method 200.8 to the list of authorized methods for analysis of metals in groundwater samples), June 2, 2011 (Class 1 Modification to update the emergency coordinator list in the Contingency Plan), September 28, 2011 and revised February 24, 2012 (Class 3 Modification to install and operate Waste Compactor in Stabilization Building), October 28, 2011, April 4, 2012, April 18, 2012, July 24, 2012, and November 1, 2012 (Class 3 Modification to install and operate a Surface Impoundment at the facility), April 27, 2012 (Class 1 Modification to update the emergency coordinator list in the Contingency Plan), November 1, 2012 (Class 1 Modification to update facility management and the emergency coordinator list in the Contingency Plan), February 6, 2013 (Class 1 Modification to update the emergency coordinator list in the Contingency Plan), May 6, 2013 (Class 1 Modification to revise permit Provisions IV.B.3.b and IV.B.7 to replace Texas Department of State Health Services (TDSHS) with TCEQ as the authorized agency to approve radioactive waste exemption requests), May 31, 2013 (Class 1 Modification to correct typographical errors and to update the emergency coordinator list in the Contingency Plan), and June 24, 2013 and revised August 6, 2013, which was resubmitted on August 13, 2013 (Class 2 Modification to replace existing contingency/emergency response plan with a consolidated emergency response plan, and to authorize plugging and abandonment of Monitor Well MW-1A) and the Application Elements listed in "Attachment C", which are hereby approved subject to the terms of this permit and any other orders of the Texas Commission on Environmental Quality.

These materials are incorporated into this permit by reference as if fully set out herein. Any and all revisions to these elements shall become conditions of this permit upon the date of approval by the Commission.

Sheet 37 of 62

VI. GROUNDWATER DETECTION MONITORING

Section VI. is revised to update the groundwater detection monitoring at the facility.

A. Groundwater Monitoring Program

The permittee shall design, construct and maintain a ground-water monitoring program to monitor area ground water throughout the active life of the facility and any post-closure care period. Groundwater monitoring at the facility shall at a minimum consist of a Detection Monitoring System for the locally named "225-foot zone" of the Triassic Dockum Group of the Chinle Formation. In addition, supplemental wells for the landfill (permit Unit No. 2) will monitor the locally named "125-foot zone" of the Dockum Group, and supplemental wells for the surface impoundment (Permit Unit No. 12) will monitor the undifferentiated shallow Ogallala Antler Gatuna (OAG) unit. The Detection

Monitoring System shall yield groundwater samples from the uppermost aquifer that represents the quality of background water and the quality of ground water at the point of compliance.

1. Identification of Detection Monitoring Program Units

The Detection Monitoring Program is specific to the RCRA-regulated units listed in Table VI.B.3.b. - Unit Groundwater Detection Monitoring System and as authorized by Provisions V.D.(Surface Impoundments) and V.G. (Landfills) for which groundwater monitoring requirements apply pursuant to 30 TAC Section 335.164.

2. Capabilities of Detection Monitoring Systems

The Detection Monitoring System shall yield groundwater samples from the uppermost aquifer/water-bearing zones that represent the quality of background water that has not been affected by operation of the regulated unit and that represent the quality of ground water passing the point of compliance. This system shall be capable of detecting a release from the regulated unit to the ground water.

3. Point of Compliance

The point of compliance for the Detection Monitoring System is defined by a vertical surface, located at the hydraulically downgradient limit of the waste management area that extends down into the uppermost aquifer/water bearing zone underlying the regulated unit. The waste management area is the limit projected in the horizontal plane of the area on which waste will be placed during the active life of the regulated unit.

4. Detection Monitoring Program

The permittee is required to install and operate a Detection Monitoring System subject to the limitations contained herein. The Detection Monitoring System wells for each unit are listed in Table VI.B.3.b - Unit Groundwater Detection Monitoring System. Wells identified as proposed in Table VI.B.3.b - Unit Groundwater Detection Monitoring System shall be installed in accordance with the compliance scheduling requirements of permit Provision VI.I.

a. A Detection Monitoring System shall, at a minimum, consist of three categories of wells, Background, Point of Compliance and Supplemental Wells, which will be used to establish groundwater quality for each RCRA-regulated unit.

- 1) Background Wells are those wells that are unaffected by the operations of the unit. The Background Wells are depicted in Attachment E (permit application Detection Monitoring System Wells Map) and are also listed in Table VI.B.3.b.-Unit Groundwater Detection Monitoring System (MW-1BR through MW-4A & B).

- 2) Point of Compliance (POC) Wells are used to demonstrate compliance with the Detection Monitoring Parameters which are listed on Table VI.B.3.c.-Groundwater Detection Monitoring Parameters. POC Wells are designated in Attachment E (permit application Detection Monitoring System Wells Map) and are also listed in Table VI.B.3.b.-Unit Groundwater Detection Monitoring System (DW-32A&B through DW-42 A&B and DW-60 through DW -65).
 - 3) The Detection Monitoring System shall also include Supplemental Wells, to establish groundwater quality and hydrogeologic conditions of the "125-foot zone" for the landfill (Permit Unit No. 2) and OAG Unit for the Surface Impoundment (Permit Unit 12). Supplemental monitoring wells listed on Table VI.B.3.b.-Unit Groundwater Detection Monitoring System (SW-32 through SW-42 and SW-60 through 65) shall be inspected for the presence of liquids each time the detection monitoring system is sampled. Should any supplemental monitoring well contain liquids in an amount which may be practicably sampled, the supplemental monitoring well(s) shall be monitored in accordance with all of the requirements of Section VI. of this permit applicable to Point of Compliance (POC) wells.
 - b. The permittee shall determine groundwater quality in the uppermost aquifer throughout the active life of the facility and any post-closure care period in accordance with the parameter list and sampling schedule specified in Provisions VI.C.2. and VI.D.2. respectively.
 - c. The design, construction, maintenance and operation of the authorized components of the Detection Monitoring Program must be in accordance with this permit and approved Part B Permit Application Attachment VI., which is incorporated into this permit through Permit Provision I.B.
- B. Construction, Certification, and Plugging

Wells shall be constructed and maintained so groundwater samples are representative of the aquifer's water quality. A record of drilling and construction details demonstrating compliance with the terms of this permit section shall be prepared in accordance with Attachment F (Well Design and Construction Specifications). Wells constructed prior to issuance of this permit may be utilized as groundwater monitoring wells if they meet the standards of Attachment F (Well Design and Construction Specifications).

1. Well Construction

- a. For all groundwater monitor wells to be constructed in accordance with this permit, the permittee shall notify the Executive Director to report the proposed monitor well location and screened interval at least thirty (30) days in advance of the anticipated date of installation or in accordance with an approved schedule for installation. Alternatively, a schedule for installation issued as part of an

approved work plan shall constitute such notification. New well construction shall commence upon written approval of the Executive Director within the timeframes specified in this permit.

- b. The permittee shall install the wells of the Detection and Supplemental Monitoring System and submit certification of this installation within sixty (60) days of installation, as described in Attachment F (Well Design and Construction Specifications). The Detection and Supplemental Monitoring Wells shall be installed in accordance with the specifications outlined in Attachment F (Well Design and Construction Specifications).

2. Replacement Wells

Prior to installation of a replacement well, the permittee shall submit to the Executive Director for approval, the replacement well specifications and an explanation of why the well is being replaced. For any Detection Monitoring System well to be considered a replacement well and not a new well, the well shall have no design changes from the well being replaced; shall be drilled within fifteen (15) feet of the well being replaced; and shall be installed in accordance with this Provision and Attachment F (Well Design and Construction Specifications).

3. Well Management Activities Requiring Permit Modification

- a. If the permittee or the Executive Director determines that the well integrity, materials of construction, or well placement no longer enable a well to yield samples representative of groundwater quality from the desired aquifer(s), then the permittee shall submit a permit modification or amendment request to the Executive Director in accordance with the provisions of 30 TAC Sections 305.62 and 305.69, respectively, describing actions the permittee will take to remedy the situation. The permittee shall also notify the Executive Director within fifteen (15) days of such determination regarding a well.
- b. The permittee shall submit a permit modification or amendment request to the Executive Director in accordance with the provisions of 30 TAC Sections 305.62 and 305.69, respectively, when new POC, or Background Wells are to be constructed after issuance of this permit (i.e., if the wells have not been included in the approved Part B Permit Application materials referenced in permit Provision I.B.).
- c. The permittee shall submit a permit modification or amendment request, for installation of a new well, to the Executive Director in accordance with the provisions of 30 TAC Sections 305.62 and 305.69, respectively, when any wells being replaced do not meet the requirements of Provision VI.B.2.

4. Plugging and Abandonment Procedures

- a. If a Detection Monitoring Well listed in Table VI.B.3.b.-Unit Groundwater Detection Monitoring System is plugged and abandoned and a replacement well is not installed in accordance with this permit, then a modification request shall be submitted in accordance with 30 TAC Section 305.69 within 90 days of the plugging and abandonment procedure to update Table VI.B.3.b.-Unit Groundwater Detection Monitoring System of the permit.
- b. For all wells to be plugged and abandoned after issuance of this permit, the permittee shall follow the procedures specified in Attachment F (Well Design and Construction Specifications).

C. Detection Monitoring System: Operation

1. Uppermost Aquifer/Water-Bearing Zone Monitored by the Detection Monitoring System. The Detection Monitoring System shall be designed to monitor the ground water in the uppermost aquifer/water-bearing zone. The "uppermost aquifer", as referenced in this permit, refers to the locally named "225-foot zone" of the Triassic Dockum Group of the Chinle Formation. The "225 foot zone" of the Dockum Group ranges in elevation from approximately 3250 feet above Mean Sea Level (MSL) to 3215 above MSL. The top of the uppermost aquifer/water-bearing zone is approximately 225 feet below ground surface (BGS). Ground water is typically encountered 225 feet BGS. A siltstone zone that occurs at a depth of 125 feet below ground surface and is locally named the "125-foot zone" of the Dockum Group shall also be monitored at the landfill (Permit Unit No. 2) in accordance with provision VI.A.4.a.(3). An upper single hydrogeologic unit which consists of unconsolidated or semi consolidated sand and gravel and is referred to as the undifferentiated Ogallala, Antler, Gatuna (OAG) unit occurs directly above the Dockum Group locally and is located approximately 0 to 30 feet BGS shall also be monitored at the surface impoundment (Permit Unit No. 12) in accordance with provision VI.A.4.a.(3).
2. Groundwater Detection Monitoring Parameters and Compliance
 - a. The permittee shall monitor wells identified in Provision VI.A.4.a. and listed in VI.B.3.b.-Unit Groundwater Detection Monitoring System. The uppermost aquifer's groundwater quality will be evaluated based on the parameters listed in Table VI.B.3.c.-Groundwater Detection Monitoring Parameters. Sampling and analysis for the Groundwater Detection Monitoring Parameters of Table VI.B.3.c.-Groundwater Detection Monitoring Parameters shall be conducted in accordance with Provision II.B.1.b. of this permit. [30 TAC Section 335.164(1)]
 - b. Background groundwater quality for a monitoring parameter or constituent shall be based on a sequence of at least one sample. The permittee shall determine the concentrations of the detection monitoring parameters and water quality parameters listed in Table VI.B.3.c.-Groundwater Detection Monitoring Parameters for each sample collected.

- c. Compliance with the Groundwater Detection Monitoring Parameters listed in Table VI.B.3.c.-Groundwater Detection Monitoring Parameters is defined by the results of the data evaluation of Provision VI.D.4. wherein the groundwater monitoring data for each well does not exhibit evidence of contamination over background values. If any POC Well is determined to be noncompliant with Table VI.B.3.c.- Groundwater Detection Monitoring Parameters at any time during the Detection Monitoring Program, the permittee shall respond and report according to Provision VI.E.1.

3. Post-Closure Care Period

The units listed in Provision VI.A.1. shall remain in the Detection Monitoring Program during the active life of each unit and during any applicable Post-Closure Care period. After closure activities are completed for a specified unit and certification of closure is received by the Executive Director, any applicable Post-Closure Care period shall begin. If the Post-Closure Care Period has expired and evidence of statistically significant increase (SSI) of the Groundwater Detection Monitoring Parameters of Table VI.B.3.c.-Groundwater Detection Monitoring Parameters has not been confirmed in the ground water, then the permittee shall notify the Executive Director in writing at least 30 days prior to discontinuing the Detection Monitoring Program for the specified unit. Within 90 days of the notification, the permittee shall submit a final report to the Commission for the specified unit. The final report shall include the information required by the annual report of Provision VI.G.

4. Waste Management of Recovered Groundwater

- a. Recovered ground water from a Detection Monitoring Well with no known contamination may be managed as uncontaminated prior to analysis. Following analysis, if the permittee determines that a Table VI.B.3.c.-Groundwater Detection Monitoring Parameter has an SSI over background value, the recovered groundwater shall be managed as contaminated water.
- b. Recovered ground water with known contamination which exceeds the Table VI.B.3.c.- Groundwater Detection Monitoring Parameters shall be managed as contaminated water.

D. Sampling and Analysis

1. Sampling and Analysis

The permittee shall follow the methods set out in EPA's RCRA Groundwater Monitoring Draft Technical Guidance Document (November 1992) or an alternate method with prior written approval of the Executive Director to collect and preserve samples withdrawn from groundwater monitoring wells. The collected samples shall be managed (i.e., Chain of Custody and handling procedure), analyzed, and evaluated (i.e., Quality Assurance/Quality Control (QA/QC)) in accordance with the current

edition of U.S. EPA Publication SW-846, Test Methods for Evaluating Solid Waste and American Society for Testing and Materials (ASTM) Standard Test Methods or other equivalent methods with prior written approval of the Executive Director.

- a. All groundwater analyses required by this permit shall be performed using a QA/QC program where all information, data, and resulting decisions are technically sound, statistically valid, and properly documented. All QA/QC program details shall be put in writing and assignments made to qualified personnel. At a minimum, the program shall conform to the QA/QC program details described in the current edition of U.S. EPA Publication SW-846, Test Methods for Evaluating Solid Waste and American Society for Testing and Materials (ASTM) Standard Test Methods or other equivalent methods accepted in writing by the Executive Director.
 - b. Groundwater analyses required by this permit shall utilize laboratory methods which are capable of measuring concentrations equal to or less than established background values.
 - c. Wells shall be sampled according to the Sampling and Analysis Plan presented in the approved Part B Permit Application Attachment VI, which is incorporated into this permit through Provision I.B. The permittee or the Executive Director shall propose modifications, as necessary, to the Sampling and Analysis Plan in order to achieve the Detection Monitoring Program objectives. Any and all revisions to the plan shall become conditions of this permit at the beginning of the next full quarter after approval by the Executive Director.
2. Sampling and Analysis Frequencies and Parameters
- a. Frequencies of sampling shall be monthly, quarterly, semiannually or yearly, depending on the sampling objective. These periods of time are defined below:
 - 1) "Month" shall be a calendar month;
 - 2) "Quarter" shall be based on divisions of the calendar year (i.e., January through March, April through June, July through September, October through December);
 - 3) "Semiannual" shall be based on divisions of the calendar year (i.e., January through June, July through December) and consist of two consecutive quarters;
 - 4) "Annual" or "Year" shall be four consecutive quarters, beginning with the first quarter. Years shall be designated consecutively, beginning with the "first year", "second year", etc.; and,
 - 5) "Calendar year" shall be based on divisions of the calendar (i.e. January through December).

- b. Sampling of wells shall commence during the first complete quarter after initial issuance of this permit, or during the first quarter of operation if the permit is issued for a new unit. Samples shall be collected during the first thirty (30) days of the specified sampling frequency.
- c. In the first and subsequent years of the Detection Monitoring Program, the wells of Table VI.B.3.b.-Unit Groundwater Detection Monitoring System shall be sampled and analyzed according to Provision VI.D.2.d.
- d. The permittee shall, during April and October of each year, sample the detection monitoring system wells. A sample shall be obtained from each of the even numbered upgradient wells and downgradient wells during the October sampling event, and a sample shall be obtained from each of the odd numbered upgradient wells and downgradient wells during the April sampling event. The permittee shall analyze each sample to determine the concentration of each detection monitoring parameter listed in Table VI.B.3.c.-Groundwater Detection Monitoring Parameters. The designated upgradient groundwater monitoring listed in Table VI.B.3.b.-Unit Groundwater Detection Monitoring System will only be analyzed for metal monitoring parameters listed in Table VI.B.3.c.-Groundwater Detection Monitoring Parameters.
- e. Field determination requirements for wells listed in Table VI.B.3.b.-Unit Groundwater Detection Monitoring System consist of the following measurements or observations for each well that will be sampled which shall be established during each sampling event:
 - 1) Water level measurements relative to Mean Sea Level measured to within 0.01 foot.
 - 2) Determination of pH, temperature, Specific Conductivity and Turbidity in nephelometric turbidity units, for each well.
 - 3) Descriptions of water sample appearance (clarity, color, etc.) shall be recorded.
 - 4) The total depth of each well, which is not equipped with a dedicated pump, shall be measured during each sampling event.

The total depth of each well equipped with a dedicated pump shall be measured when pumps are removed for maintenance. At a minimum, the wells with dedicated pumps will be checked for silting every 3 years. The measured total depth shall be compared to the total depth recorded on the well construction log. Should an analysis of the measured and the recorded total depth reveal that the well is silting in, the permittee shall perform such actions necessary (redevelopment, replacement, etc.) to enable the well to function properly.

- 5) All wells specified in this permit shall be inspected during each sampling event. Repairs or a proposal for replacement for any affected well shall be performed within ninety (90) days of the routine sampling event inspection which identified the problem well.

3. Statistical Procedures for Data Evaluation

- a. For each POC Well sampled during each sampling event, the permittee shall determine whether there is evidence of a statistically significant increase (SSI) in the concentrations of each volatile and semivolatile organic monitoring Parameter listed Table VI.B.3.c.-Groundwater Detection Monitoring Parameters as outlined in Provision VI.D.3.b.
- b. The procedures that shall be used to determine if an increase has occurred over background values shall be direct comparison to the concentration limits listed in Table VI.B.3.c.-Groundwater Detection Monitoring Parameters for volatile and semivolatile organics, for the following units identified in Provision VI.A.1.: TCEQ Permit Unit Nos. 2 and 12. To employ the identified evaluation procedure, the permittee is required to collect a minimum of one sample from each unit's Background and POC Wells following the sampling schedule outlined in Provision VI.D.2.d. If a measured value exceeds the concentration limit, the permittee shall promptly resample monitoring well(s) in question, determine the concentration of the parameter(s) for which the exceedence was indicated and compare the results of the re-sampling event to the concentration limit(s). The permittee has determined an SSI has occurred if the re-sample analysis confirms the initial result.
- c. If it is determined that the selected statistical procedure is not appropriate to conduct data evaluation for a specified unit, then the permittee shall select an alternate statistical procedure. Prior to using a statistical procedure which is different than the one identified in Provision VI.D.3.b. the permittee shall obtain approval from the Executive Director through a permit amendment or modification as specified in 30 TAC Sections 305.62 and 305.69, respectively.

4. Data Evaluation

- a. Statistical data evaluations shall be completed within sixty (60) days of the sampling date unless QA/QC procedures show that data is unacceptable and re-analysis or resampling must be performed. In such cases, the Executive Director will be notified as soon as it becomes apparent that the 60-day time limit to conduct data evaluation cannot be met.
- b. Statistical data evaluation shall determine whether there is evidence of an SSI for the volatile and semi-volatile organic monitoring Parameters listed in Table VI.B.3.c.-Groundwater Detection Monitoring Parameters each time groundwater quality is determined at the POC in accordance with 30 TAC Section 335.163(7).

- c. In addition to the statistical evaluation procedures established in Provision VI.D.3., the permittee shall evaluate the analytical data obtained for the metal monitoring parameters listed in Table VI.B.3.c. – Groundwater Detection Monitoring Parameters. This data evaluation shall consist of a review of graphical representations of each of the metal parameter concentrations in each well over time. This evaluation of the metals data shall be performed annually and included in the annual report required under Provision VI.G.
- E. Response Requirements for Increase in Groundwater Monitoring Parameters
1. If the permittee has determined an SSI for any of the Groundwater Monitoring Parameters identified in Table VI.B.3.c.-Groundwater Detection Monitoring Parameters in accordance with procedures authorized by Provision VI.D.3. and specified by the permittee, the permittee shall perform the following actions:
 - a. Notify the Executive Director in writing, within seven (7) days. The notification must indicate which Groundwater Detection Monitoring Parameter(s) of Table VI.B.3.c.-Groundwater Detection Monitoring Parameters has exhibited an SSI.
 - b. Immediately sample the ground water in all wells of Table VI.B.3.b.-Unit Groundwater Detection Monitoring System which exhibit an SSI for the specified unit and determine whether constituents of Appendix IX of 40 CFR 264 are present, and if so, in what concentrations.
 - c. For any Appendix IX hazardous constituent found in the analysis pursuant to Provision VI.E.1.b., the permittee may resample for hazardous constituents within one month and repeat the analysis for those compounds detected. If the results of the second analysis confirm the initial results, then these detected constituents will form the basis for a Compliance Monitoring Program. If the permittee does not resample for the constituents found pursuant to Provision VI.E.1.b., the hazardous constituents found during the initial Appendix IX analysis will form the basis for the Compliance Monitoring Program.
 - d. Upon establishing that a release has occurred from a unit, the permittee shall submit to the Executive Director a permit amendment or modification to modify the Detection Monitoring Program and a compliance plan application to initiate a Compliance Monitoring Program and/or a Corrective Action Program for the specified unit. The permit and compliance plan applications must be submitted based on the following schedule:
 - 1) If ground water downgradient of the specified unit does not exceed the requirements in 30 TAC Section 335.158 for the proposed groundwater protection standard (GWPS), then within ninety (90) days, the permittee shall submit a permit amendment and a compliance plan application to establish a Compliance Monitoring Program for the specified unit;

- 2) If ground water downgradient of the specified unit exceeds the requirements in 30 TAC Section 335.158 for the proposed GWPS requested in the application for a specified unit, and an Alternate Concentration Limit (ACL) is not being proposed in the application in accordance with 30 TAC Section 335.160(b) to establish the GWPS, then within 180 days, the permittee shall submit a permit amendment or modification and a compliance plan application to establish a Corrective Action Program for the specified unit.
 - 3) If ground water downgradient of the specified unit exceeds the requirements in 30 TAC Section 335.158 for the proposed GWPS requested in the application for a specified unit, and an ACL is being proposed in the application in accordance with 30 TAC Section 335.160(b) to establish the GWPS, then within 180 days, the permittee shall submit a permit amendment or modification and a compliance plan application with an ACL demonstration to establish a Corrective Action Program for the specified unit.
2. If the permittee determines that there is an SSI above (or for pH, a statistically significant variation from) background values for the Groundwater Detection Monitoring Parameters specified in Table VI.B.3.c., the permittee may demonstrate a source other than the RCRA-regulated unit caused the increase or that the increase resulted from error in sampling, analysis, or evaluation. In such cases, the permittee shall perform the following actions:
 - a. Notify the Executive Director in writing within seven (7) days that the permittee intends to make a demonstration.
 - b. Within ninety (90) days, submit a report to the Executive Director which demonstrates that a source other than a RCRA-regulated unit caused the increase, or that the increase resulted from error in sampling, analysis, or evaluation.
 - c. Submit to the Executive Director an application for a permit amendment or modification and a compliance plan application to make any appropriate changes to the Detection Monitoring Program at the facility. The applications shall be submitted in accordance with Provision VI.E.1.d.
 - d. Continue to monitor ground water in accordance with the Detection Monitoring Program at the facility.

F. Revised Detection Monitoring Program

If the permittee or the Executive Director determines that the Detection Monitoring Program no longer satisfies the requirements of 30 TAC Section 335.164, the permittee must, within ninety (90) days of either the permittee's determination or Executive Director's notification, submit a permit amendment or modification request to make any appropriate changes to the Detection Monitoring Program which will satisfy the regulations.

G. Annual Detection Monitoring Reporting Requirements

The permittee shall submit an Annual Detection Monitoring Report which shall include the following information determined since the previously submitted report:

1. A statement whether an SSI has occurred over background values in any well during the previous calendar year period and the status of any increase events.
2. The results of all monitoring, testing, and analytical work obtained or prepared pursuant to the requirements of this permit, including a summary of background groundwater quality values, groundwater monitoring analyses, statistical calculations, graphical evaluations, and drawings.
3. The groundwater flow rate and direction in the uppermost aquifer. The rate and direction of ground water flow shall be established using, but not limited to, the data collected during the preceding calendar year's sampling events from the monitoring wells of the Detection Monitoring Program. The permittee shall also include in the report all documentation used to determine the groundwater flow rate and direction.
4. A contour map of piezometric water levels in the uppermost aquifer based at a minimum upon concurrent measurements in each detection monitoring system well sampled during each monitoring event. All data or documentation used to establish the contour map should be included in the report.
5. Recommendation for any changes.
6. Any other items requested by the Executive Director.

H. Record Keeping Requirements

1. The permittee shall enter all monitoring, testing, analytical, statistical test computation data used in evaluating groundwater monitoring data, and inspection data obtained or prepared pursuant to the requirements of this permit, including graphs and drawings, in the operating record at the facility.
2. The operating record at the facility shall be made available for review by the staff of the Commission upon request.

I. Compliance Scheduling Requirements

The permittee shall submit the following in accordance with the scheduled time periods:

1. The permittee shall complete the installation of all wells for the landfill (Permit Unit No. 2) required by Table VI.B.3.b.-Unit Groundwater Detection Monitoring System prior to waste disposal in the corresponding landfill cell(s) as outlined in the Part B Application, Attachment VI, which is incorporated into this permit through permit Provision I.B.

Permit No. 50358
Class 2 Modification
Permittee: Waste Control Specialists LLC

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Table VI.B.3.b. Unit Groundwater Detection Monitoring System (attached)

Replace the existing Table VI.B.3.b. with the revised Table VI.B.3.b. (attached)

Attachment E Maps Indicating Point of Compliance Wells and Groundwater Monitoring Wells

Replace the existing Attachment E with the revised Attachment E.

This Class 2 modification is part of Permit No. 50358 and should be attached thereto.

Issued Date: November 8, 2013


For the Commission

Texas Commission on Environmental Quality



Class 1 Permit Modification to Hazardous Waste Permit No. 50358 Waste Control Specialists LLC - Andrews, Andrews County, Texas

Continuation Sheet 5 of 62

Provision I.B. Incorporated Application Materials

Provision I.B. is revised as follows:

B. Incorporated Application Materials

This permit is based on, and the permittee shall follow the Part A and Part B Industrial and Hazardous Waste Application submittals dated February 9, 2004, July 16, 2004, September 1, 2004, November 15, 2004, November 18, 2004, November 29, 2004, January 20, 2005, January 25, 2005, January 27, 2006 (Class 1 Modification to update the emergency coordinator list in the Contingency Plan), May 26, 2006, and June 20, 2006 (Class 1 Modification to update the emergency coordinator list in the Contingency Plan), August 4, 2006 (Class 1 Modification for administrative and informational changes), September 20, 2006 (Class 1 Modification for administrative and informational changes), September 24, 2007 (Class 1 Modification to update the emergency coordinator list in the Contingency Plan), May 29, 2008, revised June 5, 2008 (Class 2 Modification to authorize unloading of hazardous and non-hazardous wastes directly into transport trucks, using a railcar dumper, proposed to be installed in a building located within the permitted facility), May 20, 2009 (Class 1¹ Modification to authorize the replacement of the existing unenclosed Railcar Bulk Waste Unloading Area with functionally equivalent enclosed Railcar Pedestal Unloading Building), October 15, 2009 (Class 1¹ Modification to increase the financial assurance for closure so that the stormwater and waste can be placed in landfill Cells F and G prior to closure of Cells C and D), December 11, 2009 (Class 1 Modification to update the emergency coordinator list in the Contingency Plan), May 20, 2010 (Class 1 Modification for changes to the Construction Quality Assurance (CQA) Plan to be consistent with current landfill construction practices, standards, materials, and specifications), December 22, 2010 (Class 1 Modification to authorize a temporary replacement and realignment of a portion of the existing security fence surrounding the permitted East+West Landfill Unit), December 17, 2010 (Class 1¹ Modification to authorize transfer of ownership of the

property from Waste Control Specialists LLC to Andrews County), April 12, 2011 (Class 1 Modification to update the emergency coordinator list in the Contingency Plan), May 19, 2011 (Class 1 Modification to include replacement groundwater monitoring well MW-1BR and update emergency coordinator list in the Contingency Plan), May 24, 2011 (Class 1st Modification requesting authorization to add Analytical Method SW-846 6020/EPA Method 200.8 to the list of authorized methods for analysis of metals in groundwater samples), June 2, 2011 (Class 1 Modification to update the emergency coordinator list in the Contingency Plan), September 28, 2011 and revised February 24, 2012 (Class 3 Modification to install and operate Waste Compactor in Stabilization Building), October 28, 2011, April 4, 2012, April 18, 2012, July 24, 2012, and November 1, 2012 (Class 3 Modification to install and operate a Surface Impoundment at the facility), April 27, 2012 (Class 1 Modification to update the emergency coordinator list in the Contingency Plan), November 1, 2012 (Class 1 Modification to update facility management and the emergency coordinator list in the Contingency Plan), February 6, 2013 (Class 1 Modification to update the emergency coordinator list in the Contingency Plan), May 6, 2013 (Class 1 Modification to revise permit Provisions IV.B.3.b and IV.B.7 to replace Texas Department of State Health Services (TDSHS) with TCEQ as the authorized agency to approve radioactive waste exemption requests), May 31, 2013 (Class 1 Modification to correct typographical errors and to update the emergency coordinator list in the Contingency Plan), June 24, 2013 and revised August 6, 2013, which was resubmitted on August 13, 2013 (Class 2 Modification to replace existing contingency/emergency response plan with a consolidated emergency response plan, and to authorize plugging and abandonment of Monitor Well MW-1A), and November 20, 2013 (Class 1 Modification to update the emergency coordinator list in the Contingency Plan), and the Application Elements listed in "Attachment C", which are hereby approved subject to the terms of this permit and any other orders of the Texas Commission on Environmental Quality.

These materials are incorporated into this permit by reference as if fully set out herein. Any and all revisions to these elements shall become conditions of this permit upon the date of approval by the Commission.

This Class 1 Permit Modification is part of Permit No. 50358 and should be attached thereto.

Texas Commission on Environmental Quality



Class 1¹ Permit Modification to Hazardous Waste Permit No. 50358 Waste Control Specialists LLC - Andrews, Andrews County, Texas

Permit No. 50358 is hereby modified as follows:

Continuation Sheet 5 of 62

Provision I.B. Incorporated Application Materials

Provision I.B. is revised as follows:

B. Incorporated Application Materials

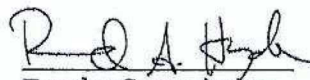
This permit is based on, and the permittee shall follow the Part A and Part B Industrial and Hazardous Waste Application submittals dated February 9, 2004, July 16, 2004, September 1, 2004, November 15, 2004, November 18, 2004, November 29, 2004, January 20, 2005, January 25, 2005, January 27, 2006 (Class 1 Modification to update the emergency coordinator list in the Contingency Plan), May 26, 2006, and June 20, 2006 (Class 1 Modification to update the emergency coordinator list in the Contingency Plan), August 4, 2006 (Class 1 Modification for administrative and informational changes), September 20, 2006 (Class 1 Modification for administrative and informational changes), September 24, 2007 (Class 1 Modification to update the emergency coordinator list in the Contingency Plan), May 29, 2008, revised June 5, 2008 (Class 2 Modification to authorize unloading of hazardous and non-hazardous wastes directly into transport trucks, using a railcar dumper, proposed to be installed in a building located within the permitted facility), May 20, 2009 (Class 1¹ Modification to authorize the replacement of the existing unenclosed Railcar Bulk Waste Unloading Area with functionally equivalent enclosed Railcar Pedestal Unloading Building), October 15, 2009 (Class 1¹ Modification to increase the financial assurance for closure so that the stormwater and waste can be placed in landfill Cells F and G prior to closure of Cells C and D), December 11, 2009 (Class 1 Modification to update the emergency coordinator list in the Contingency Plan), May 20, 2010 (Class 1 Modification for changes to the Construction Quality Assurance (CQA) Plan to be consistent with current landfill construction practices, standards, materials, and specifications), December 22, 2010 (Class 1 Modification to authorize a temporary replacement and realignment of a portion of the existing security fence surrounding the permitted East+West Landfill Unit), December 17, 2010 (Class 1¹ Modification to authorize transfer of ownership of the property from Waste Control Specialists LLC to Andrews County), April 12, 2011 (Class 1 Modification to update the emergency coordinator list in the Contingency Plan), May 19, 2011 (Class 1 Modification to include replacement groundwater monitoring well MW-1BR and update emergency coordinator list in the Contingency Plan), May 24, 2011 (Class 1¹ Modification requesting authorization to add Analytical Method SW-846 6020/EPA Method 200.8 to the list of authorized methods for analysis of metals in groundwater samples), June 2, 2011 (Class 1

Modification to update the emergency coordinator list in the Contingency Plan), September 28, 2011 and revised February 24, 2012 (Class 3 Modification to install and operate Waste Compactor in Stabilization Building), October 28, 2011, April 4, 2012, April 18, 2012, July 24, 2012, and November 1, 2012 (Class 3 Modification to install and operate a Surface Impoundment at the facility), April 27, 2012 (Class 1 Modification to update the emergency coordinator list in the Contingency Plan), November 1, 2012 (Class 1 Modification to update facility management and the emergency coordinator list in the Contingency Plan), February 6, 2013 (Class 1 Modification to update the emergency coordinator list in the Contingency Plan), May 6, 2013 (Class 1 Modification to revise permit Provisions IV.B.3.b and IV.B.7 to replace Texas Department of State Health Services (TDSHS) with TCEQ as the authorized agency to approve radioactive waste exemption requests), May 31, 2013 (Class 1 Modification to correct typographical errors and to update the emergency coordinator list in the Contingency Plan), June 24, 2013 and revised August 6, 2013, which was resubmitted on August 13, 2013 (Class 2 Modification to replace existing contingency/emergency response plan with a consolidated emergency response plan, and to authorize plugging and abandonment of Monitor Well MW-1A), November 20, 2013 (Class 1 Modification to update the emergency coordinator list in the Contingency Plan), and March 26, 2014 (Class 1st Modification to reflect minor changes in design with the addition of doors to the Bin Storage Unit (BSU-1.)), and the Application Elements listed in "Attachment C", which are hereby approved subject to the terms of this permit and any other orders of the Texas Commission on Environmental Quality.

These materials are incorporated into this permit by reference as if fully set out herein. Any and all revisions to these elements shall become conditions of this permit upon the date of approval by the Commission.

This Class 1st Permit Modification is part of Permit No. 50358 and should be attached thereto.

Issued Date: April 16, 2014


For the Commission

Texas Commission on Environmental Quality



Class 1¹ Permit Modification to Hazardous Waste Permit No. 50358 Waste Control Specialists LLC - Andrews, Andrews County, Texas

Permit No. 50358 is hereby modified as follows:

Continuation Sheet 5 of 62

Provision I.B. Incorporated Application Materials

Provision I.B. is revised as follows:

B. Incorporated Application Materials

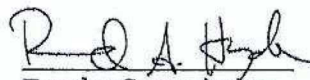
This permit is based on, and the permittee shall follow the Part A and Part B Industrial and Hazardous Waste Application submittals dated February 9, 2004, July 16, 2004, September 1, 2004, November 15, 2004, November 18, 2004, November 29, 2004, January 20, 2005, January 25, 2005, January 27, 2006 (Class 1 Modification to update the emergency coordinator list in the Contingency Plan), May 26, 2006, and June 20, 2006 (Class 1 Modification to update the emergency coordinator list in the Contingency Plan), August 4, 2006 (Class 1 Modification for administrative and informational changes), September 20, 2006 (Class 1 Modification for administrative and informational changes), September 24, 2007 (Class 1 Modification to update the emergency coordinator list in the Contingency Plan), May 29, 2008, revised June 5, 2008 (Class 2 Modification to authorize unloading of hazardous and non-hazardous wastes directly into transport trucks, using a railcar dumper, proposed to be installed in a building located within the permitted facility), May 20, 2009 (Class 1¹ Modification to authorize the replacement of the existing unenclosed Railcar Bulk Waste Unloading Area with functionally equivalent enclosed Railcar Pedestal Unloading Building), October 15, 2009 (Class 1¹ Modification to increase the financial assurance for closure so that the stormwater and waste can be placed in landfill Cells F and G prior to closure of Cells C and D), December 11, 2009 (Class 1 Modification to update the emergency coordinator list in the Contingency Plan), May 20, 2010 (Class 1 Modification for changes to the Construction Quality Assurance (CQA) Plan to be consistent with current landfill construction practices, standards, materials, and specifications), December 22, 2010 (Class 1 Modification to authorize a temporary replacement and realignment of a portion of the existing security fence surrounding the permitted East+West Landfill Unit), December 17, 2010 (Class 1¹ Modification to authorize transfer of ownership of the property from Waste Control Specialists LLC to Andrews County), April 12, 2011 (Class 1 Modification to update the emergency coordinator list in the Contingency Plan), May 19, 2011 (Class 1 Modification to include replacement groundwater monitoring well MW-1BR and update emergency coordinator list in the Contingency Plan), May 24, 2011 (Class 1¹ Modification requesting authorization to add Analytical Method SW-846 6020/EPA Method 200.8 to the list of authorized methods for analysis of metals in groundwater samples), June 2, 2011 (Class 1

Modification to update the emergency coordinator list in the Contingency Plan), September 28, 2011 and revised February 24, 2012 (Class 3 Modification to install and operate Waste Compactor in Stabilization Building), October 28, 2011, April 4, 2012, April 18, 2012, July 24, 2012, and November 1, 2012 (Class 3 Modification to install and operate a Surface Impoundment at the facility), April 27, 2012 (Class 1 Modification to update the emergency coordinator list in the Contingency Plan), November 1, 2012 (Class 1 Modification to update facility management and the emergency coordinator list in the Contingency Plan), February 6, 2013 (Class 1 Modification to update the emergency coordinator list in the Contingency Plan), May 6, 2013 (Class 1 Modification to revise permit Provisions IV.B.3.b and IV.B.7 to replace Texas Department of State Health Services (TDSHS) with TCEQ as the authorized agency to approve radioactive waste exemption requests), May 31, 2013 (Class 1 Modification to correct typographical errors and to update the emergency coordinator list in the Contingency Plan), June 24, 2013 and revised August 6, 2013, which was resubmitted on August 13, 2013 (Class 2 Modification to replace existing contingency/emergency response plan with a consolidated emergency response plan, and to authorize plugging and abandonment of Monitor Well MW-1A), November 20, 2013 (Class 1 Modification to update the emergency coordinator list in the Contingency Plan), and March 26, 2014 (Class 1st Modification to reflect minor changes in design with the addition of doors to the Bin Storage Unit (BSU-1.)), and the Application Elements listed in "Attachment C", which are hereby approved subject to the terms of this permit and any other orders of the Texas Commission on Environmental Quality.

These materials are incorporated into this permit by reference as if fully set out herein. Any and all revisions to these elements shall become conditions of this permit upon the date of approval by the Commission.

This Class 1st Permit Modification is part of Permit No. 50358 and should be attached thereto.

Issued Date: April 16, 2014


For the Commission

Texas Commission on Environmental Quality



Class 3 Permit Modification to Hazardous Waste Permit No. 50358 Waste Control Specialists LLC - Andrews, Andrews County, Texas

Permit No. 50358 is hereby modified as follows:

Continuation Sheet 5 of 62

Provision I.B. Incorporated Application Materials

Provision I.B. is revised as follows:

B. Incorporated Application Materials

This permit is based on, and the permittee shall follow the Part A and Part B Industrial and Hazardous Waste Application submittals dated February 9, 2004, July 16, 2004, September 1, 2004, November 15, 2004, November 18, 2004, November 29, 2004, January 20, 2005, January 25, 2005, January 27, 2006 (Class 1 Modification to update the emergency coordinator list in the Contingency Plan), May 26, 2006, and June 20, 2006 (Class 1 Modification to update the emergency coordinator list in the Contingency Plan), August 4, 2006 (Class 1 Modification for administrative and informational changes), September 20, 2006 (Class 1 Modification for administrative and informational changes), September 24, 2007 (Class 1 Modification to update the emergency coordinator list in the Contingency Plan), May 29, 2008, revised June 5, 2008 (Class 2 Modification to authorize unloading of hazardous and non-hazardous wastes directly into transport trucks, using a railcar dumper, proposed to be installed in a building located within the permitted facility), May 20, 2009 (Class 1¹ Modification to authorize the replacement of the existing unenclosed Railcar Bulk Waste Unloading Area with functionally equivalent enclosed Railcar Pedestal Unloading Building), October 15, 2009 (Class 1¹ Modification to increase the financial assurance for closure so that the stormwater and waste can be placed in landfill Cells F and G prior to closure of Cells C and D), December 11, 2009 (Class 1 Modification to update the emergency coordinator list in the Contingency Plan), May 20, 2010 (Class 1 Modification for changes to the Construction Quality Assurance (CQA) Plan to be consistent with current landfill construction practices, standards, materials, and specifications), December 22, 2010 (Class 1 Modification to authorize a temporary replacement and realignment of a portion of the existing security fence surrounding the permitted East+West Landfill Unit), December 17, 2010 (Class 1¹ Modification to authorize transfer of ownership of the property from Waste Control Specialists LLC to Andrews County), April 12, 2011 (Class 1 Modification to update the emergency coordinator list in the Contingency Plan), May 19, 2011 (Class 1 Modification to include replacement groundwater monitoring well MW-1BR and update emergency coordinator list in the Contingency Plan), May 24, 2011 (Class 1¹ Modification requesting authorization to add Analytical Method SW-846 6020/EPA Method 200.8 to the list of authorized methods for analysis of metals in groundwater samples), June 2, 2011 (Class 1 Modification to update the emergency coordinator list in the Contingency Plan), September

28, 2011 and revised February 24, 2012 (Class 3 Modification to install and operate Waste Compactor in Stabilization Building), October 28, 2011, April 4, 2012, April 18, 2012, July 24, 2012, and November 1, 2012 (Class 3 Modification to install and operate a Surface Impoundment at the facility), April 27, 2012 (Class 1 Modification to update the emergency coordinator list in the Contingency Plan), November 1, 2012 (Class 1 Modification to update facility management and the emergency coordinator list in the Contingency Plan), February 6, 2013 (Class 1 Modification to update the emergency coordinator list in the Contingency Plan), May 6, 2013 (Class 1 Modification to revise permit Provisions IV.B.3.b and IV.B.7 to replace Texas Department of State Health Services (TDSHS) with TCEQ as the authorized agency to approve radioactive waste exemption requests), May 31, 2013 (Class 1 Modification to correct typographical errors and to update the emergency coordinator list in the Contingency Plan), June 24, 2013 and revised August 6, 2013, which was resubmitted on August 13, 2013 (Class 2 Modification to replace existing contingency/emergency response plan with a consolidated emergency response plan, and to authorize plugging and abandonment of Monitor Well MW-1A), November 20, 2013 (Class 1 Modification to update the emergency coordinator list in the Contingency Plan), and August 12, 2013 and revised September 16, 2013, December 4, 2013, January 10, 2014 (Class 3 Modification to address changes from the reduction in the surface area, capacity, and number of cells from A through S to A through K of the permitted East+West Landfill), and the Application Elements listed in "Attachment C", which are hereby approved subject to the terms of this permit and any other orders of the Texas Commission on Environmental Quality.

These materials are incorporated into this permit by reference as if fully set out herein. Any and all revisions to these elements shall become conditions of this permit upon the date of approval by the Commission.

Table V.G.6. Landfill Liner System

Replace the existing Table V.G.6. with the revised Table V.G.6. to address reduction in number of cells from A through S to A through K (attached).

Table V.G.7. Landfill Leachate Collection System

Replace the existing Table V.G.7. with the revised Table V.G.7. to address reduction in number of cells from A through S to A through K (attached).

Table VII.E.2. Permitted Unit Post-Closure Cost Summary

Replace the existing Table VII.E.2. with the revised Table VII.E.2. (attached).

Attachment B Authorized Facility Units

Replace Pages 10 and 11 of the existing Attachment B.

This Class 3 modification is part of Permit No. 50358 and should be attached thereto.

Issued Date: May 20, 2014


For the Commission

Texas Commission on Environmental Quality



Class 1 Permit Modification to Hazardous Waste Permit No. 50358 Waste Control Specialists LLC - Andrews, Andrews County, Texas

Permit No. 50358 is hereby modified as follows:

Continuation Sheet 5 of 62

Provision I.B. Incorporated Application Materials

Provision I.B. is revised as follows:

B. Incorporated Application Materials

This permit is based on, and the permittee shall follow the Part A and Part B Industrial and Hazardous Waste Application submittals dated February 9, 2004, July 16, 2004, September 1, 2004, November 15, 2004, November 18, 2004, November 29, 2004, January 20, 2005, January 25, 2005, January 27, 2006 (Class 1 Modification to update the emergency coordinator list in the Contingency Plan), May 26, 2006, and June 20, 2006 (Class 1 Modification to update the emergency coordinator list in the Contingency Plan), August 4, 2006 (Class 1 Modification for administrative and informational changes), September 20, 2006 (Class 1 Modification for administrative and informational changes), September 24, 2007 (Class 1 Modification to update the emergency coordinator list in the Contingency Plan), May 29, 2008, revised June 5, 2008 (Class 2 Modification to authorize unloading of hazardous and non-hazardous wastes directly into transport trucks, using a railcar dumper, proposed to be installed in a building located within the permitted facility), May 20, 2009 (Class 1¹ Modification to authorize the replacement of the existing unenclosed Railcar Bulk Waste Unloading Area with functionally equivalent enclosed Railcar Pedestal Unloading Building), October 15, 2009 (Class 1¹ Modification to increase the financial assurance for closure so that the stormwater and waste can be placed in landfill Cells F and G prior to closure of Cells C and D), December 11, 2009 (Class 1 Modification to update the emergency coordinator list in the Contingency Plan), May 20, 2010 (Class 1 Modification for changes to the Construction Quality Assurance (CQA) Plan to be consistent with current landfill construction practices, standards, materials, and specifications), December 22, 2010 (Class 1 Modification to authorize a temporary replacement and realignment of a portion of the existing security fence surrounding the permitted East+West Landfill Unit), December 17, 2010 (Class 1¹ Modification to authorize transfer of ownership of the property from Waste Control Specialists LLC to Andrews County), April 12, 2011 (Class 1 Modification to update the emergency coordinator list in the Contingency Plan), May 19, 2011 (Class 1 Modification to include replacement groundwater monitoring well MW-1BR and update emergency coordinator list in the Contingency Plan), May 24, 2011 (Class 1¹ Modification requesting authorization to add Analytical Method SW-846 6020/EPA Method 200.8 to the list of authorized methods for analysis of metals in groundwater samples), June 2, 2011 (Class 1

Modification to update the emergency coordinator list in the Contingency Plan), September 28, 2011 and revised February 24, 2012 (Class 3 Modification to install and operate Waste Compactor in Stabilization Building), October 28, 2011, April 4, 2012, April 18, 2012, July 24, 2012, and November 1, 2012 (Class 3 Modification to install and operate a Surface Impoundment at the facility), April 27, 2012 (Class 1 Modification to update the emergency coordinator list in the Contingency Plan), November 1, 2012 (Class 1 Modification to update facility management and the emergency coordinator list in the Contingency Plan), February 6, 2013 (Class 1 Modification to update the emergency coordinator list in the Contingency Plan), May 6, 2013 (Class 1 Modification to revise permit Provisions IV.B.3.b and IV.B.7 to replace Texas Department of State Health Services (TDSHS) with TCEQ as the authorized agency to approve radioactive waste exemption requests), May 31, 2013 (Class 1 Modification to correct typographical errors and to update the emergency coordinator list in the Contingency Plan), June 24, 2013 and revised August 6, 2013, which was resubmitted on August 13, 2013 (Class 2 Modification to replace existing contingency/emergency response plan with a consolidated emergency response plan, and to authorize plugging and abandonment of Monitor Well MW-1A), November 20, 2013 (Class 1 Modification to update the emergency coordinator list in the Contingency Plan), August 12, 2013 and revised, September 16, 2013, December 4, 2013 and January 1, 2014 (Class 3 modification to reduce the surface area of the landfill), March 26, 2014 (Class 1¹ Modification to reflect minor changes in design with the addition of doors to the Bin Storage Unit (BSU-1.)), and June 10, 2014 (Class 1 Modification to update the emergency coordinator list in the Contingency Plan, update Table V.B-Container Storage Area, and Table VII.E.1-Permitted Unit Closure Cost Summary), and the Application Elements listed in "Attachment C", which are hereby approved subject to the terms of this permit and any other orders of the Texas Commission on Environmental Quality.

These materials are incorporated into this permit by reference as if fully set out herein. Any and all revisions to these elements shall become conditions of this permit upon the date of approval by the Commission.

Table V.B. Container Storage Area

Replace the existing Table V.B. with the revised Table V.B. (attached)

Table VII.E.1. Permitted Unit Closure Cost Summary

Replace the existing Table VII.E.1. with the revised Table VII.E.1. (attached)

This Class 1 Permit Modification is part of Permit No. 50358 and should be attached thereto.

Texas Commission on Environmental Quality



Class 1 Permit Modification to Hazardous Waste Permit No. 50358 Waste Control Specialists LLC - Andrews, Andrews County, Texas

Permit No. 50358 is hereby modified as follows:

Continuation Sheet 5 of 62

Provision I.B. Incorporated Application Materials

Provision I.B. is revised as follows:

B. Incorporated Application Materials

This permit is based on, and the permittee shall follow the Part A and Part B Industrial and Hazardous Waste Application submittals dated February 9, 2004, July 16, 2004, September 1, 2004, November 15, 2004, November 18, 2004, November 29, 2004, January 20, 2005, January 25, 2005, January 27, 2006 (Class 1 Modification to update the emergency coordinator list in the Contingency Plan), May 26, 2006, and June 20, 2006 (Class 1 Modification to update the emergency coordinator list in the Contingency Plan), August 4, 2006 (Class 1 Modification for administrative and informational changes), September 20, 2006 (Class 1 Modification for administrative and informational changes), September 24, 2007 (Class 1 Modification to update the emergency coordinator list in the Contingency Plan), May 29, 2008, revised June 5, 2008 (Class 2 Modification to authorize unloading of hazardous and non-hazardous wastes directly into transport trucks, using a railcar dumper, proposed to be installed in a building located within the permitted facility), May 20, 2009 (Class 1¹ Modification to authorize the replacement of the existing unenclosed Railcar Bulk Waste Unloading Area with functionally equivalent enclosed Railcar Pedestal Unloading Building), October 15, 2009 (Class 1¹ Modification to increase the financial assurance for closure so that the stormwater and waste can be placed in landfill Cells F and G prior to closure of Cells C and D), December 11, 2009 (Class 1 Modification to update the emergency coordinator list in the Contingency Plan), May 20, 2010 (Class 1 Modification for changes to the Construction Quality Assurance (CQA) Plan to be consistent with current landfill construction practices, standards, materials, and specifications), December 22, 2010 (Class 1 Modification to authorize a temporary replacement and realignment of a portion of the existing security fence surrounding the permitted East+West Landfill Unit), December 17, 2010 (Class 1¹ Modification to authorize transfer of ownership of the property from Waste Control Specialists LLC to Andrews County), April 12, 2011 (Class 1 Modification to update the emergency coordinator list in the Contingency Plan), May 19, 2011 (Class 1 Modification to include replacement groundwater monitoring well MW-1BR and update emergency coordinator list in the Contingency Plan), May 24, 2011 (Class 1¹ Modification requesting authorization to add Analytical Method SW-846 6020/EPA Method 200.8 to the list of authorized methods for analysis of metals in groundwater samples), June 2, 2011 (Class 1

Modification to update the emergency coordinator list in the Contingency Plan), September 28, 2011 and revised February 24, 2012 (Class 3 Modification to install and operate Waste Compactor in Stabilization Building), October 28, 2011, April 4, 2012, April 18, 2012, July 24, 2012, and November 1, 2012 (Class 3 Modification to install and operate a Surface Impoundment at the facility), April 27, 2012 (Class 1 Modification to update the emergency coordinator list in the Contingency Plan), November 1, 2012 (Class 1 Modification to update facility management and the emergency coordinator list in the Contingency Plan), February 6, 2013 (Class 1 Modification to update the emergency coordinator list in the Contingency Plan), May 6, 2013 (Class 1 Modification to revise permit Provisions IV.B.3.b and IV.B.7 to replace Texas Department of State Health Services (TDSHS) with TCEQ as the authorized agency to approve radioactive waste exemption requests), May 31, 2013 (Class 1 Modification to correct typographical errors and to update the emergency coordinator list in the Contingency Plan), June 24, 2013 and revised August 6, 2013, which was resubmitted on August 13, 2013 (Class 2 Modification to replace existing contingency/emergency response plan with a consolidated emergency response plan, and to authorize plugging and abandonment of Monitor Well MW-1A), November 20, 2013 (Class 1 Modification to update the emergency coordinator list in the Contingency Plan), August 12, 2013 and revised, September 16, 2013, December 4, 2013 and January 10, 2014 (Class 3 modification to reduce the surface area of the landfill), March 26, 2014 (Class 1 Modification to reflect minor changes in design with the addition of doors to the Bin Storage Unit (BSU-1.)), June 10, 2014, and revised June 26, 2014 (Class 1 Modification to update the emergency coordinator list in the Contingency Plan, update Table V.B-Container Storage Area, and Table VII.E.1-Permitted Unit Closure Cost Summary), and July 30, 2014 (Class 1 Modification to correct typographical error in Provision I.B., to update Table VII.E.1-Permitted Unit Closure Cost Summary and emergency coordinator list in the Contingency Plan), and the Application Elements listed in "Attachment C", which are hereby approved subject to the terms of this permit and any other orders of the Texas Commission on Environmental Quality.

These materials are incorporated into this permit by reference as if fully set out herein. Any and all revisions to these elements shall become conditions of this permit upon the date of approval by the Commission.

Table VII.E.1. Permitted Unit Closure Cost Summary

Replace the existing Table VII.E.1. with the revised Table VII.E.1. (attached)

This Class 1 Permit Modification is part of Permit No. 50358 and should be attached thereto.

Texas Commission on Environmental Quality



Class 1 Permit Modification to Hazardous Waste Permit No. 50358 Waste Control Specialists LLC - Andrews, Andrews County, Texas

Permit No. 50358 is hereby modified as follows:

Continuation Sheet 5 of 62

Provision I.B. Incorporated Application Materials

Provision I.B. is revised as follows:

B. Incorporated Application Materials

This permit is based on, and the permittee shall follow the Part A and Part B Industrial and Hazardous Waste Application submittals dated February 9, 2004, July 16, 2004, September 1, 2004, November 15, 2004, November 18, 2004, November 29, 2004, January 20, 2005, January 25, 2005, January 27, 2006 (Class 1 Modification to update the emergency coordinator list in the Contingency Plan), May 26, 2006, and June 20, 2006 (Class 1 Modification to update the emergency coordinator list in the Contingency Plan), August 4, 2006 (Class 1 Modification for administrative and informational changes), September 20, 2006 (Class 1 Modification for administrative and informational changes), September 24, 2007 (Class 1 Modification to update the emergency coordinator list in the Contingency Plan), May 29, 2008, revised June 5, 2008 (Class 2 Modification to authorize unloading of hazardous and non-hazardous wastes directly into transport trucks, using a railcar dumper, proposed to be installed in a building located within the permitted facility), May 20, 2009 (Class 1st Modification to authorize the replacement of the existing unenclosed Railcar Bulk Waste Unloading Area with functionally equivalent enclosed Railcar Pedestal Unloading Building), October 15, 2009 (Class 1st Modification to increase the financial assurance for closure so that the stormwater and waste can be placed in landfill Cells F and G prior to closure of Cells C and D), December 11, 2009 (Class 1 Modification to update the emergency coordinator list in the Contingency Plan), May 20, 2010 (Class 1 Modification for changes to the Construction Quality Assurance (CQA) Plan to be consistent with current landfill construction practices, standards, materials, and specifications), December 22, 2010 (Class 1 Modification to authorize a temporary replacement and realignment of a portion of the existing security fence surrounding the permitted East+West Landfill Unit), December 17, 2010 (Class 1st Modification to authorize transfer of ownership of the property from Waste Control Specialists LLC to Andrews County), April 12, 2011 (Class 1 Modification to update the emergency coordinator list in the Contingency Plan), May 19, 2011 (Class 1 Modification to include replacement groundwater monitoring well MW-1BR and update emergency coordinator list in the Contingency Plan), May 24, 2011 (Class 1st Modification requesting authorization to add Analytical Method SW-846 6020/EPA Method 200.8 to the list of authorized methods for analysis of metals in groundwater samples), June 2, 2011 (Class 1

Modification to update the emergency coordinator list in the Contingency Plan), September 28, 2011 and revised February 24, 2012 (Class 3 Modification to install and operate Waste Compactor in Stabilization Building), October 28, 2011, April 4, 2012, April 18, 2012, July 24, 2012, and November 1, 2012 (Class 3 Modification to install and operate a Surface Impoundment at the facility), April 27, 2012 (Class 1 Modification to update the emergency coordinator list in the Contingency Plan), November 1, 2012 (Class 1 Modification to update facility management and the emergency coordinator list in the Contingency Plan), February 6, 2013 (Class 1 Modification to update the emergency coordinator list in the Contingency Plan), May 6, 2013 (Class 1 Modification to revise permit Provisions IV.B.3.b and IV.B.7 to replace Texas Department of State Health Services (TDSHS) with TCEQ as the authorized agency to approve radioactive waste exemption requests), May 31, 2013 (Class 1 Modification to correct typographical errors and to update the emergency coordinator list in the Contingency Plan), June 24, 2013 and revised August 6, 2013, which was resubmitted on August 13, 2013 (Class 2 Modification to replace existing contingency/emergency response plan with a consolidated emergency response plan, and to authorize plugging and abandonment of Monitor Well MW-1A), November 20, 2013 (Class 1 Modification to update the emergency coordinator list in the Contingency Plan), August 12, 2013 and revised, September 16, 2013, December 4, 2013 and January 10, 2014 (Class 3 modification to reduce the surface area of the landfill), March 26, 2014 (Class 1 Modification to reflect minor changes in design with the addition of doors to the Bin Storage Unit (BSU-1.)), June 10, 2014, and revised June 26, 2014 (Class 1 Modification to update the emergency coordinator list in the Contingency Plan, update Table V.B-Container Storage Area, and Table VII.E.1-Permitted Unit Closure Cost Summary), July 30, 2014 (Class 1 Modification to correct typographical error in Provision I.B., to update Table VII.E.1-Permitted Unit Closure Cost Summary and emergency coordinator list in the Contingency Plan), and October 9, 2014 (Class 1 Modification to update the alternate emergency coordinator information in the Contingency Plan), and the Application Elements listed in "Attachment C", which are hereby approved subject to the terms of this permit and any other orders of the Texas Commission on Environmental Quality.

These materials are incorporated into this permit by reference as if fully set out herein. Any and all revisions to these elements shall become conditions of this permit upon the date of approval by the Commission.

Table VII.E.1. Permitted Unit Closure Cost Summary

Replace the existing Table VII.E.1. with the revised Table VII.E.1. (attached)

This Class 1 Permit Modification is part of Permit No. 50358 and should be attached thereto.

Texas Commission on Environmental Quality



Class 1 Permit Modification to Hazardous Waste Permit No. 50358 Waste Control Specialists LLC - Andrews, Andrews County, Texas

Permit No. 50358 is hereby modified as follows:

Continuation Sheet 5 of 62

Provision I.B. Incorporated Application Materials

Provision I.B. is revised as follows:

B. Incorporated Application Materials

This permit is based on, and the permittee shall follow the Part A and Part B Industrial and Hazardous Waste Application submittals dated February 9, 2004, July 16, 2004, September 1, 2004, November 15, 2004, November 18, 2004, November 29, 2004, January 20, 2005, January 25, 2005, January 27, 2006 (Class 1 Modification to update the emergency coordinator list in the Contingency Plan), May 26, 2006, and June 20, 2006 (Class 1 Modification to update the emergency coordinator list in the Contingency Plan), August 4, 2006 (Class 1 Modification for administrative and informational changes), September 20, 2006 (Class 1 Modification for administrative and informational changes), September 24, 2007 (Class 1 Modification to update the emergency coordinator list in the Contingency Plan), May 29, 2008, revised June 5, 2008 (Class 2 Modification to authorize unloading of hazardous and non-hazardous wastes directly into transport trucks, using a railcar dumper, proposed to be installed in a building located within the permitted facility), May 20, 2009 (Class 1¹ Modification to authorize the replacement of the existing unenclosed Railcar Bulk Waste Unloading Area with functionally equivalent enclosed Railcar Pedestal Unloading Building), October 15, 2009 (Class 1¹ Modification to increase the financial assurance for closure so that the stormwater and waste can be placed in landfill Cells F and G prior to closure of Cells C and D), December 11, 2009 (Class 1 Modification to update the emergency coordinator list in the Contingency Plan), May 20, 2010 (Class 1 Modification for changes to the Construction Quality Assurance (CQA) Plan to be consistent with current landfill construction practices, standards, materials, and specifications), December 22, 2010 (Class 1 Modification to authorize a temporary replacement and realignment of a portion of the existing security fence surrounding the permitted East+West Landfill Unit), December 17, 2010 (Class 1¹ Modification to authorize transfer of ownership of the property from Waste Control Specialists LLC to Andrews County), April 12, 2011 (Class 1 Modification to update the emergency coordinator list in the Contingency Plan), May 19, 2011 (Class 1 Modification to include replacement groundwater monitoring well MW-1BR and update emergency coordinator list in the Contingency Plan), May 24, 2011 (Class 1¹ Modification requesting authorization to add Analytical Method SW-846 6020/EPA Method 200.8 to the list of authorized methods for analysis of metals in groundwater samples), June 2, 2011 (Class 1

Modification to update the emergency coordinator list in the Contingency Plan), September 28, 2011 and revised February 24, 2012 (Class 3 Modification to install and operate Waste Compactor in Stabilization Building), October 28, 2011, April 4, 2012, April 18, 2012, July 24, 2012, and November 1, 2012 (Class 3 Modification to install and operate a Surface Impoundment at the facility), April 27, 2012 (Class 1 Modification to update the emergency coordinator list in the Contingency Plan), November 1, 2012 (Class 1 Modification to update facility management and the emergency coordinator list in the Contingency Plan), February 6, 2013 (Class 1 Modification to update the emergency coordinator list in the Contingency Plan), May 6, 2013 (Class 1 Modification to revise permit Provisions IV.B.3.b and IV.B.7 to replace Texas Department of State Health Services (TDSHS) with TCEQ as the authorized agency to approve radioactive waste exemption requests), May 31, 2013 (Class 1 Modification to correct typographical errors and to update the emergency coordinator list in the Contingency Plan), June 24, 2013 and revised August 6, 2013, which was resubmitted on August 13, 2013 (Class 2 Modification to replace existing contingency/emergency response plan with a consolidated emergency response plan, and to authorize plugging and abandonment of Monitor Well MW-1A), November 20, 2013 (Class 1 Modification to update the emergency coordinator list in the Contingency Plan), August 12, 2013 and revised, September 16, 2013, December 4, 2013 and January 10, 2014 (Class 3 modification to reduce the surface area of the landfill), March 26, 2014 (Class 1 Modification to reflect minor changes in design with the addition of doors to the Bin Storage Unit (BSU-1.)), June 10, 2014, and revised June 26, 2014 (Class 1 Modification to update the emergency coordinator list in the Contingency Plan, update Table V.B-Container Storage Area, and Table VII.E.1-Permitted Unit Closure Cost Summary), July 30, 2014 (Class 1 Modification to correct typographical error in Provision I.B., to update Table VII.E.1-Permitted Unit Closure Cost Summary and emergency coordinator list in the Contingency Plan), October 9, 2014 (Class 1 Modification to update the alternate emergency coordinator information in the Contingency Plan), and June 1, 2015, and revised June 22, 2015 (Class 1 Modification to change the Alternate Emergency Coordinator and update to emergency equipment list in the Contingency Plan; temporary replacement and relocation of facility's fence; and revisions to Construction Quality Assurance and Quality Control Plan), and the Application Elements listed in "Attachment C", which are hereby approved subject to the terms of this permit and any other orders of the Texas Commission on Environmental Quality.

These materials are incorporated into this permit by reference as if fully set out herein. Any and all revisions to these elements shall become conditions of this permit upon the date of approval by the Commission.

This Class 1 Permit Modification is part of Permit No. 50358 and should be attached thereto.

Texas Commission on Environmental Quality



Class 1 Permit Modification to Hazardous Waste Permit No. 50358 Waste Control Specialists LLC - Andrews, Andrews County, Texas

Permit No. 50358 is hereby modified as follows:

Continuation Sheet 5 of 62

Provision I.B. Incorporated Application Materials

Provision I.B. is revised as follows:

B. Incorporated Application Materials

This permit is based on, and the permittee shall follow the Part A and Part B Industrial and Hazardous Waste Application submittals dated February 9, 2004, July 16, 2004, September 1, 2004, November 15, 2004, November 18, 2004, November 29, 2004, January 20, 2005, January 25, 2005, January 27, 2006 (Class 1 Modification to update the emergency coordinator list in the Contingency Plan), May 26, 2006, and June 20, 2006 (Class 1 Modification to update the emergency coordinator list in the Contingency Plan), August 4, 2006 (Class 1 Modification for administrative and informational changes), September 20, 2006 (Class 1 Modification for administrative and informational changes), September 24, 2007 (Class 1 Modification to update the emergency coordinator list in the Contingency Plan), May 29, 2008, revised June 5, 2008 (Class 2 Modification to authorize unloading of hazardous and non-hazardous wastes directly into transport trucks, using a railcar dumper, proposed to be installed in a building located within the permitted facility), May 20, 2009 (Class 1¹ Modification to authorize the replacement of the existing unenclosed Railcar Bulk Waste Unloading Area with functionally equivalent enclosed Railcar Pedestal Unloading Building), October 15, 2009 (Class 1¹ Modification to increase the financial assurance for closure so that the stormwater and waste can be placed in landfill Cells F and G prior to closure of Cells C and D), December 11, 2009 (Class 1 Modification to update the emergency coordinator list in the Contingency Plan), May 20, 2010 (Class 1 Modification for changes to the Construction Quality Assurance (CQA) Plan to be consistent with current landfill construction practices, standards, materials, and specifications), December 22, 2010 (Class 1 Modification to authorize a temporary replacement and realignment of a portion of the existing security fence surrounding the permitted East+West Landfill Unit), December 17, 2010 (Class 1¹ Modification to authorize transfer of ownership of the property from Waste Control Specialists LLC to Andrews County), April 12, 2011 (Class 1 Modification to update the emergency coordinator list in the Contingency Plan), May 19, 2011 (Class 1 Modification to include replacement groundwater monitoring well MW-1BR and update emergency coordinator list in the Contingency Plan), May 24, 2011 (Class 1¹ Modification requesting authorization to add Analytical Method SW-846 6020/EPA Method 200.8 to the list of authorized methods for analysis of metals in groundwater samples),

June 2, 2011 (Class 1 Modification to update the emergency coordinator list in the Contingency Plan), September 28, 2011 and revised February 24, 2012 (Class 3 Modification to install and operate Waste Compactor in Stabilization Building), October 28, 2011, April 4, 2012, April 18, 2012, July 24, 2012, and November 1, 2012 (Class 3 Modification to install and operate a Surface Impoundment at the facility), April 27, 2012 (Class 1 Modification to update the emergency coordinator list in the Contingency Plan), November 1, 2012 (Class 1 Modification to update facility management and the emergency coordinator list in the Contingency Plan), February 6, 2013 (Class 1 Modification to update the emergency coordinator list in the Contingency Plan), May 6, 2013 (Class 1 Modification to revise permit Provisions IV.B.3.b and IV.B.7 to replace Texas Department of State Health Services (TDSHS) with TCEQ as the authorized agency to approve radioactive waste exemption requests), May 31, 2013 (Class 1 Modification to correct typographical errors and to update the emergency coordinator list in the Contingency Plan), June 24, 2013 and revised August 6, 2013, which was resubmitted on August 13, 2013 (Class 2 Modification to replace existing contingency/emergency response plan with a consolidated emergency response plan, and to authorize plugging and abandonment of Monitor Well MW-1A), November 20, 2013 (Class 1 Modification to update the emergency coordinator list in the Contingency Plan), August 12, 2013 and revised, September 16, 2013, December 4, 2013 and January 10, 2014 (Class 3 modification to reduce the surface area of the landfill), March 26, 2014 (Class 1¹ Modification to reflect minor changes in design with the addition of doors to the Bin Storage Unit (BSU-1.)), June 10, 2014, and revised June 26, 2014 (Class 1 Modification to update the emergency coordinator list in the Contingency Plan, update Table V.B-Container Storage Area, and Table VII.E.1-Permitted Unit Closure Cost Summary), July 30, 2014 (Class 1 Modification to correct typographical error in Provision I.B., to update Table VII.E.1-Permitted Unit Closure Cost Summary and emergency coordinator list in the Contingency Plan), October 9, 2014 (Class 1 Modification to update the alternate emergency coordinator information in the Contingency Plan), June 1, 2015, and revised June 22, 2015 (Class 1 Modification to change the Alternate Emergency Coordinator and update to emergency equipment list in the Contingency Plan; temporary replacement and relocation of facility's fence; and revisions to Construction Quality Assurance and Quality Control Plan), and July 22, 2015 (Class 1 Modification to change the Alternate Emergency Coordinator and to reissue previously approved Table III.E.3.- emergency equipment in the Contingency Plan), and the Application Elements listed in "Attachment C", which are hereby approved subject to the terms of this permit and any other orders of the Texas Commission on Environmental Quality.

These materials are incorporated into this permit by reference as if fully set out herein. Any and all revisions to these elements shall become conditions of this permit upon the date of approval by the Commission.

Table:

Table III.E.3. Emergency Equipment

Reissue previously approved Table III.E.3. - Emergency Equipment as part of the modification.

This Class 1 Permit Modification is part of Permit No. 50358 and should be attached thereto.

Texas Commission on Environmental Quality



Class 1¹ Permit Modification to Hazardous Waste Permit No. 50358 Waste Control Specialists LLC - Andrews, Andrews County, Texas

Permit No. 50358 is hereby modified as follows:

Continuation Sheet 5 of 62

Provision I.B. Incorporated Application Materials

Provision I.B. is revised as follows:

B. Incorporated Application Materials

This permit is based on, and the permittee shall follow the Part A and Part B Industrial and Hazardous Waste Application submittals dated February 9, 2004, July 16, 2004, September 1, 2004, November 15, 2004, November 18, 2004, November 29, 2004, January 20, 2005, January 25, 2005, January 27, 2006 (Class 1 Modification to update the emergency coordinator list in the Contingency Plan), May 26, 2006, and June 20, 2006 (Class 1 Modification to update the emergency coordinator list in the Contingency Plan), August 4, 2006 (Class 1 Modification for administrative and informational changes), September 20, 2006 (Class 1 Modification for administrative and informational changes), September 24, 2007 (Class 1 Modification to update the emergency coordinator list in the Contingency Plan), May 29, 2008, revised June 5, 2008 (Class 2 Modification to authorize unloading of hazardous and non-hazardous wastes directly into transport trucks, using a railcar dumper, proposed to be installed in a building located within the permitted facility), May 20, 2009 (Class 1¹ Modification to authorize the replacement of the existing unenclosed Railcar Bulk Waste Unloading Area with functionally equivalent enclosed Railcar Pedestal Unloading Building), October 15, 2009 (Class 1¹ Modification to increase the financial assurance for closure so that the stormwater and waste can be placed in landfill Cells F and G prior to closure of Cells C and D), December 11, 2009 (Class 1 Modification to update the emergency coordinator list in the Contingency Plan), May 20, 2010 (Class 1 Modification for changes to the Construction Quality Assurance (CQA) Plan to be consistent with current landfill construction practices, standards, materials, and specifications), December 22, 2010 (Class 1 Modification to authorize a temporary replacement and realignment of a portion of the existing security fence surrounding the permitted East+West Landfill Unit), December 17, 2010 (Class 1¹ Modification to authorize transfer of ownership of the property from Waste Control Specialists LLC to Andrews County), April 12, 2011 (Class 1 Modification to update the emergency coordinator list in the Contingency Plan), May 19, 2011 (Class 1 Modification to include replacement groundwater monitoring well MW-1BR and update emergency coordinator list in the Contingency Plan), May 24, 2011 (Class 1¹ Modification requesting authorization to add Analytical Method SW-846 6020/EPA Method 200.8 to the list of authorized methods for analysis of metals in groundwater samples),

June 2, 2011 (Class 1 Modification to update the emergency coordinator list in the Contingency Plan), September 28, 2011 and revised February 24, 2012 (Class 3 Modification to install and operate Waste Compactor in Stabilization Building), October 28, 2011, April 4, 2012, April 18, 2012, July 24, 2012, and November 1, 2012 (Class 3 Modification to install and operate a Surface Impoundment at the facility), April 27, 2012 (Class 1 Modification to update the emergency coordinator list in the Contingency Plan), November 1, 2012 (Class 1 Modification to update facility management and the emergency coordinator list in the Contingency Plan), February 6, 2013 (Class 1 Modification to update the emergency coordinator list in the Contingency Plan), May 6, 2013 (Class 1 Modification to revise permit Provisions IV.B.3.b and IV.B.7 to replace Texas Department of State Health Services (TDSHS) with TCEQ as the authorized agency to approve radioactive waste exemption requests), May 31, 2013 (Class 1 Modification to correct typographical errors and to update the emergency coordinator list in the Contingency Plan), June 24, 2013 and revised August 6, 2013, which was resubmitted on August 13, 2013 (Class 2 Modification to replace existing contingency/emergency response plan with a consolidated emergency response plan, and to authorize plugging and abandonment of Monitor Well MW-1A), November 20, 2013 (Class 1 Modification to update the emergency coordinator list in the Contingency Plan), August 12, 2013 and revised, September 16, 2013, December 4, 2013 and January 10, 2014 (Class 3 modification to reduce the surface area of the landfill), March 26, 2014 (Class 1st Modification to reflect minor changes in design with the addition of doors to the Bin Storage Unit (BSU-1.)), June 10, 2014, and revised June 26, 2014 (Class 1 Modification to update the emergency coordinator list in the Contingency Plan, update Table V.B-Container Storage Area, and Table VII.E.1-Permitted Unit Closure Cost Summary), July 30, 2014 (Class 1 Modification to correct typographical error in Provision I.B., to update Table VII.E.1-Permitted Unit Closure Cost Summary and emergency coordinator list in the Contingency Plan), October 9, 2014 (Class 1 Modification to update the alternate emergency coordinator information in the Contingency Plan), June 1, 2015, and revised June 22, 2015 (Class 1 Modification to change the Alternate Emergency Coordinator and update to emergency equipment list in the Contingency Plan; temporary replacement and relocation of facility's fence; and revisions to Construction Quality Assurance and Quality Control Plan), July 22, 2015 (Class 1 Modification to change the Alternate Emergency Coordinator and to reissue previously approved Table III.E.3. - emergency equipment in the Contingency Plan), and September 3, 2015, and revised September 11, 2015 (Class 1st Modification to add metal enclosure over Bin Storage Area (BSA)-2 and BSA-3 of permitted BSU-1), and the Application Elements listed in "Attachment C", which are hereby approved subject to the terms of this permit and any other orders of the Texas Commission on Environmental Quality.

These materials are incorporated into this permit by reference as if fully set out herein. Any and all revisions to these elements shall become conditions of this permit upon the date of approval by the Commission.

This Class 1st Permit Modification is part of Permit No. 50358 and should be attached thereto.

Issued Date: October 26, 2015


For the Commission

Texas Commission on Environmental Quality



Class 1 Permit Modification to Hazardous Waste Permit No. 50358 Waste Control Specialists LLC – Andrews

Permit No. 50358 is hereby modified as follows:

Continuation Sheet 5 of 62

Provision I.B. Incorporated Application Materials

Provision I.B. is revised as follows:

B. Incorporated Application Materials

This permit is based on, and the permittee shall follow the Part A and Part B Industrial and Hazardous Waste Application submittals dated February 9, 2004, July 16, 2004, September 1, 2004, November 15, 2004, November 18, 2004, November 29, 2004, January 20, 2005, January 25, 2005, January 27, 2006 (Class 1 Modification to update the emergency coordinator list in the Contingency Plan), May 26, 2006, and June 20, 2006 (Class 1 Modification to update the emergency coordinator list in the Contingency Plan), August 4, 2006 (Class 1 Modification for administrative and informational changes), September 20, 2006 (Class 1 Modification for administrative and informational changes), September 24, 2007 (Class 1 Modification to update the emergency coordinator list in the Contingency Plan), May 29, 2008, revised June 5, 2008 (Class 2 Modification to authorize unloading of hazardous and non-hazardous wastes directly into transport trucks, using a railcar dumper, proposed to be installed in a building located within the permitted facility), May 20, 2009 (Class 1¹ Modification to authorize the replacement of the existing unenclosed Railcar Bulk Waste Unloading Area with functionally equivalent enclosed Railcar Pedestal Unloading Building), October 15, 2009 (Class 1¹ Modification to increase the financial assurance for closure so that the stormwater and waste can be placed in landfill Cells F and G prior to closure of Cells C and D), December 11, 2009 (Class 1 Modification to update the emergency coordinator list in the Contingency Plan), May 20, 2010 (Class 1 Modification for changes to the Construction Quality Assurance (CQA) Plan to be consistent with current landfill construction practices, standards, materials, and specifications), December 22, 2010 (Class 1 Modification to authorize a temporary replacement and realignment of a portion of the existing security fence surrounding the permitted East+West Landfill Unit), December 17, 2010 (Class 1¹ Modification to authorize transfer of ownership of the property from Waste Control Specialists LLC to Andrews County), April 12, 2011 (Class 1 Modification to update the emergency coordinator list in the Contingency Plan), May 19, 2011 (Class 1 Modification to include replacement groundwater monitoring well MW-1BR and update emergency coordinator list in the Contingency Plan), May 24, 2011 (Class 1¹ Modification requesting authorization to add Analytical Method SW-846 6020/EPA Method 200.8 to the list of authorized methods for analysis of metals in groundwater samples), June 2, 2011 (Class 1 Modification to update the emergency coordinator list in the Contingency Plan), September 28, 2011 and revised February 24, 2012 (Class 3 Modification to install and operate Waste

Compactor in Stabilization Building), October 28, 2011, April 4, 2012, April 18, 2012, July 24, 2012, and November 1, 2012 (Class 3 Modification to install and operate a Surface Impoundment at the facility), April 27, 2012 (Class 1 Modification to update the emergency coordinator list in the Contingency Plan), November 1, 2012 (Class 1 Modification to update facility management and the emergency coordinator list in the Contingency Plan), February 6, 2013 (Class 1 Modification to update the emergency coordinator list in the Contingency Plan), May 6, 2013 (Class 1 Modification to revise permit Provisions IV.B.3.b and IV.B.7 to replace Texas Department of State Health Services (TDSHS) with TCEQ as the authorized agency to approve radioactive waste exemption requests), May 31, 2013 (Class 1 Modification to correct typographical errors and to update the emergency coordinator list in the Contingency Plan), June 24, 2013 and revised August 6, 2013, which was resubmitted on August 13, 2013 (Class 2 Modification to replace existing contingency/emergency response plan with a consolidated emergency response plan, and to authorize plugging and abandonment of Monitor Well MW-1A), November 20, 2013 (Class 1 Modification to update the emergency coordinator list in the Contingency Plan), August 12, 2013 and revised, September 16, 2013, December 4, 2013 and January 10, 2014 (Class 3 modification to reduce the surface area of the landfill), March 26, 2014 (Class 1 Modification to reflect minor changes in design with the addition of doors to the Bin Storage Unit (BSU-1)), June 10, 2014, and revised June 26, 2014 (Class 1 Modification to update the emergency coordinator list in the Contingency Plan, update Table V.B-Container Storage Area, and Table VII.E.1-Permitted Unit Closure Cost Summary), July 30, 2014 (Class 1 Modification to correct typographical error in Provision I.B., to update Table VII.E.1-Permitted Unit Closure Cost Summary and emergency coordinator list in the Contingency Plan), October 9, 2014 (Class 1 Modification to update the alternate emergency coordinator information in the Contingency Plan), June 1, 2015, and revised June 22, 2015 (Class 1 Modification to change the Alternate Emergency Coordinator and update to emergency equipment list in the Contingency Plan; temporary replacement and relocation of facility's fence; and revisions to Construction Quality Assurance and Quality Control Plan), July 22, 2015 (Class 1 Modification to change the Alternate Emergency Coordinator and to reissue previously approved Table III.E.3. - emergency equipment in the Contingency Plan), September 3, 2015, and revised September 11, 2015 (Class 1 Modification to add metal enclosure over Bin Storage Area (BSA)-2 and BSA-3 of permitted BSU-1), and January 27, 2016 (Class 1 Modification to update the alternate emergency coordinator information in the Contingency Plan) and the Application Elements listed in "Attachment C", which are hereby approved subject to the terms of this permit and any other orders of the Texas Commission on Environmental Quality.

These materials are incorporated into this permit by reference as if fully set out herein. Any and all revisions to these elements shall become conditions of this permit upon the date of approval by the Commission.

This Class 1 Permit Modification is part of Permit No. 50358 and should be attached thereto.

Texas Commission on Environmental Quality



Class 1 Permit Modification to Hazardous Waste Permit No. 50358 Waste Control Specialists LLC - Andrews

Permit No. 50358 is hereby modified as follows:

Continuation Sheet 5 of 62

Provision I.B. Incorporated Application Materials

Provision I.B. is revised as follows:

B. Incorporated Application Materials

This permit is based on, and the permittee shall follow the Part A and Part B Industrial and Hazardous Waste Application submittals dated February 9, 2004, July 16, 2004, September 1, 2004, November 15, 2004, November 18, 2004, November 29, 2004, January 20, 2005, January 25, 2005, January 27, 2006 (Class 1 Modification to update the emergency coordinator list in the Contingency Plan), May 26, 2006, and June 20, 2006 (Class 1 Modification to update the emergency coordinator list in the Contingency Plan), August 4, 2006 (Class 1 Modification for administrative and informational changes), September 20, 2006 (Class 1 Modification for administrative and informational changes), September 24, 2007 (Class 1 Modification to update the emergency coordinator list in the Contingency Plan), May 29, 2008, revised June 5, 2008 (Class 2 Modification to authorize unloading of hazardous and non-hazardous wastes directly into transport trucks, using a railcar dumper, proposed to be installed in a building located within the permitted facility), May 20, 2009 (Class 1¹ Modification to authorize the replacement of the existing unenclosed Railcar Bulk Waste Unloading Area with functionally equivalent enclosed Railcar Pedestal Unloading Building), October 15, 2009 (Class 1¹ Modification to increase the financial assurance for closure so that the stormwater and waste can be placed in landfill Cells F and G prior to closure of Cells C and D), December 11, 2009 (Class 1 Modification to update the emergency coordinator list in the Contingency Plan), May 20, 2010 (Class 1 Modification for changes to the Construction Quality Assurance (CQA) Plan to be consistent with current landfill construction practices, standards, materials, and specifications), December 22, 2010 (Class 1 Modification to authorize a temporary replacement and realignment of a portion of the existing security fence surrounding the permitted East+West Landfill Unit), December 17, 2010 (Class 1¹ Modification to authorize transfer of ownership of the property from Waste Control Specialists LLC to Andrews County), April 12, 2011 (Class 1 Modification to update the emergency coordinator list in the Contingency Plan), May 19, 2011 (Class 1 Modification to include replacement groundwater monitoring well MW-1BR and update emergency coordinator list in the Contingency Plan), May 24, 2011 (Class 1¹ Modification requesting authorization to add Analytical Method SW-846 6020/EPA Method 200.8 to the list of authorized methods for analysis of metals in groundwater samples), June 2, 2011 (Class 1 Modification to update the emergency coordinator list in the Contingency Plan), September 28, 2011 and revised February 24, 2012 (Class 3 Modification to install and operate Waste Compactor in Stabilization Building), October 28, 2011, April 4, 2012, April 18, 2012, July 24, 2012, and November 1, 2012 (Class 3 Modification to install

and operate a Surface Impoundment at the facility), April 27, 2012 (Class 1 Modification to update the emergency coordinator list in the Contingency Plan), November 1, 2012 (Class 1 Modification to update facility management and the emergency coordinator list in the Contingency Plan), February 6, 2013 (Class 1 Modification to update the emergency coordinator list in the Contingency Plan), May 6, 2013 (Class 1 Modification to revise permit Provisions IV.B.3.b and IV.B.7 to replace Texas Department of State Health Services (TDSHS) with TCEQ as the authorized agency to approve radioactive waste exemption requests), May 31, 2013 (Class 1 Modification to correct typographical errors and to update the emergency coordinator list in the Contingency Plan), June 24, 2013 and revised August 6, 2013, which was resubmitted on August 13, 2013 (Class 2 Modification to replace existing contingency/emergency response plan with a consolidated emergency response plan, and to authorize plugging and abandonment of Monitor Well MW-1A), November 20, 2013 (Class 1 Modification to update the emergency coordinator list in the Contingency Plan), August 12, 2013 and revised, September 16, 2013, December 4, 2013 and January 10, 2014 (Class 3 modification to reduce the surface area of the landfill), March 26, 2014 (Class 1¹ Modification to reflect minor changes in design with the addition of doors to the Bin Storage Unit (BSU-1.)), June 10, 2014, and revised June 26, 2014 (Class 1 Modification to update the emergency coordinator list in the Contingency Plan, update Table V.B-Container Storage Area, and Table VII.E.1-Permitted Unit Closure Cost Summary), July 30, 2014 (Class 1 Modification to correct typographical error in Provision I.B., to update Table VII.E.1-Permitted Unit Closure Cost Summary and emergency coordinator list in the Contingency Plan), October 9, 2014 (Class 1 Modification to update the alternate emergency coordinator information in the Contingency Plan), June 1, 2015, and revised June 22, 2015 (Class 1 Modification to change the Alternate Emergency Coordinator and update to emergency equipment list in the Contingency Plan; temporary replacement and relocation of facility's fence; and revisions to Construction Quality Assurance and Quality Control Plan), July 22, 2015 (Class 1 Modification to change the Alternate Emergency Coordinator and to reissue previously approved Table III.E.3. - emergency equipment in the Contingency Plan), September 3, 2015, and revised September 11, 2015 (Class 1¹ Modification to add metal enclosure over Bin Storage Area (BSA)-2 and BSA-3 of permitted BSU-1), January 27, 2016 (Class 1 Modification to update the alternate emergency coordinator information in the Contingency Plan), May 9, 2016 (Class 1 Modification to update the alternate emergency coordinator information in the Contingency Plan), and May 17, 2016 (Class 1 Modification to update the alternate emergency coordinator information in the Contingency Plan) and the Application Elements listed in "Attachment C", which are hereby approved subject to the terms of this permit and any other orders of the Texas Commission on Environmental Quality.

These materials are incorporated into this permit by reference as if fully set out herein. Any and all revisions to these elements shall become conditions of this permit upon the date of approval by the Commission.

This Class 1 Permit Modification is part of Permit No. 50358 and should be attached thereto.