

**Case File No. 12-0020**



PRELIMINARY SITE LAYOUT

- A PRELIMINARY SITE LAYOUT PLAN FOR THE DEVELOPMENT OF 7.5 ACRES OF LAND LOCATED ON THE WEST SIDE OF OFF AVENUE HAS BEEN PREPARED AND IS ATTACHED TO THIS PERMIT APPLICATION. THE PERMITTEE SHALL OBTAIN ALL NECESSARY PERMITS AND APPROVALS FROM THE CITY OF WASHINGTON AND THE DISTRICT OF COLUMBIA.
  - PROPOSED 10,000 SQUARE FOOT METAL RECOVERY FACILITY
  - PROPOSED 20,000 SQUARE FOOT OFFICE (5,000 S.F.) AND CONTAINER STORAGE BUILDING(15,000 S.F.)
  - PROPOSED CONTAINER STORAGE AREA
- THE PRELIMINARY SITE LAYOUT PLAN WAS BASED ON A SITE VISIT AND DISCUSSION WITH YOURSELF AS WELL AS A REVIEW OF THE CITY OF WASHINGTON ZONING ORDINANCES - CHAPTER 62, ARTICLE 4 - RESOURCE RECOVERY/SOLID WASTE TRANSFER STATION. THE FOLLOWING ITEMS TO BE CONSIDERED:
- THE RESOURCE RECOVERY/SOLID WASTE TRANSFER STATION SHALL BE LOCATED NO CLOSER THAN 50 FEET OF ANY ZONING DISTRICT.
  - THE PROPOSED SITE FOR RESOURCE RECOVERY/SOLID WASTE TRANSFER FACILITIES SHALL BE DEVELOPED IN SUCH A MANNER AS TO PROVIDE FOR PROPER SCHEDULING AND LANDSCAPING TO MINIMIZE THE VISUAL IMPACT OF SUCH FACILITIES.
  - THE PROPOSED SITE FOR RESOURCE RECOVERY/SOLID WASTE TRANSFER FACILITIES SHALL BE DEVELOPED IN SUCH A MANNER AS TO PROVIDE THE ADEQUATE OFF-SITE ACCESS DEFINED AS A MINIMUM OF A TWO-LANE, ONE-TON ROADWAY WITH TURNING LANES.

THE STANDARDS FOR A TRANSFER STATION ARE AS FOLLOWS:

- SECT. 62-157 - STANDARDS.
- ZONING. THE PROPERTY MUST BE ZONED 1-2 HEAVY INDUSTRIAL OR 1-2A HEAVY INDUSTRIAL. MINIMUM LOT SIZE. THE MINIMUM LOT SIZE SHALL BE SEVEN ACRES. A TRANSFER STATION CAN ALSO BE COLLOCATED WITH TRANSFER STATION BUILDING SETBACKS. TRANSFER STATION BUILDING SETBACKS ARE AS FOLLOWS:
    - FRONT YARD: 150 FEET
    - SIDE YARD: 100 FEET OR 50 FEET IF ADJACENT TO AN AIRPORT PROPERTY
    - REAR YARD: 100 FEET OR 50 FEET IF ADJACENT TO AN AIRPORT PROPERTY
  - ANCHORAGE. TRANSFER STATION BUILDING SETBACKS SHALL BE 100 FEET FROM THE PROPERTY LINE. REAR YARD: 100 FEET OR 50 FEET IF ADJACENT TO AN AIRPORT PROPERTY
  - CONCRETE CURBING. CONCRETE CURBING SHALL BE REQUIRED ALONG ALL PARKING/DRIVEWAY AREAS. ALL PARKING/DRIVEWAY AREAS SHALL BE CONCRETE CURBING. ALL LANDSCAPING REQUIREMENTS SHALL MEET THE PROVISIONS OF THE CITY ZONING ORDINANCE, SECTION 3.0.4. INCLUDING THE FOLLOWING:
    - TRAFFIC SAFETY ISLANDS AND/OR GENERAL PARKING ISLANDS, WHERE DEEMED APPROPRIATE, SHALL BE LANDSCAPED.
    - MINIMUM PLANT SIZE SHALL BE INCREASED TO 3 1/2 inch caliper @ 8' B.
    - CONCRETE CURBING SHALL BE REQUIRED ALONG ALL PARKING/DRIVEWAY AREAS. ALL PARKING/DRIVEWAY AREAS SHALL BE CONCRETE CURBING. ALL LANDSCAPING REQUIREMENTS SHALL MEET THE PROVISIONS OF THE CITY ZONING ORDINANCE, SECTION 3.0.4. INCLUDING THE FOLLOWING:
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      - MINIMUM PLANT SIZE SHALL BE INCREASED TO 3 1/2 inch caliper @ 8' B.

Concrete curb	3 1/2 inch caliper @ 8' B
Concrete curb	1.5 feet high
Concrete curb	3 feet high

- THE ENTIRE SITE PERIMETER SHALL BE SCREENED WITH LANDSCAPING. SUCH SCREENING CAN OCCUR ANYWHERE WITHIN THE PERIMETER OF THE PROPERTY. THE SCREENING SHALL BE A NEATLY MAINTAINED BARRIER TO THE PROPERTY. THE SCREENING SHALL BE A NEATLY MAINTAINED BARRIER TO THE PROPERTY. THE SCREENING SHALL BE A NEATLY MAINTAINED BARRIER TO THE PROPERTY.
  - STORAGE AREAS. ALL OUTDOOR STORAGE AREAS SHALL BE LOCATED WITHIN THE PERIMETER OF THE PROPERTY. ALL OUTDOOR STORAGE AREAS SHALL BE LOCATED WITHIN THE PERIMETER OF THE PROPERTY. ALL OUTDOOR STORAGE AREAS SHALL BE LOCATED WITHIN THE PERIMETER OF THE PROPERTY.
  - LOADING. LOADING SHALL NOT BE DIRECTED ON ANY LOT OR ON ANY DRIVEWAY OR ON ANY SIDEWALK. ALL TRUCKS SHALL BE UNLOADED BY SEPARATE CIP APPROVAL. SUCH FEATURES SHALL BE APPROVED BY PLANNING DEPARTMENT AND SHALL BE SHIELDED FROM THE PUBLIC VIEW OF THE PROPERTY. ALL TRUCKS SHALL BE UNLOADED BY SEPARATE CIP APPROVAL. SUCH FEATURES SHALL BE APPROVED BY PLANNING DEPARTMENT AND SHALL BE SHIELDED FROM THE PUBLIC VIEW OF THE PROPERTY.
  - MECHANICAL, ELECTRICAL EQUIPMENT. MECHANICAL, ELECTRICAL EQUIPMENT ON THE ROOF OR GROUND, SUCH AS HEATING, AIR CONDITIONING, REFRIGERATION, SHALL BE SCREENED ON ALL SITES SUCH AS NOT TO BE VISIBLE FROM PUBLIC STREETS OR ADJACING PROPERTIES.
  - SCREENS. ONLY ONE GROUND SIGN AND ONE WALL SIGN SHALL BE PERMITTED PER LOT.
    - SUCH GROUND SIGN SHALL BE LOCATED WITHIN TEN FEET OF THE PERIMETER OF THE PROPERTY.
    - SUCH GROUND SIGN SHALL MEET THE ZONING ORDINANCE SECTION 62-157(1) REQUIREMENTS.
    - SUCH GROUND SIGN SHALL MEET THE ZONING ORDINANCE SECTION 62-157(1) REQUIREMENTS.
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    - SUCH GROUND SIGN SHALL MEET THE ZONING ORDINANCE SECTION 62-157(1) REQUIREMENTS.
- NO OTHER SIGNAGE SHALL BE PERMITTED WITHOUT THE APPROVAL OF THE CITY OF WASHINGTON. ALL SIGNAGE SHALL BE APPROVED BY THE CITY OF WASHINGTON. ALL SIGNAGE SHALL BE APPROVED BY THE CITY OF WASHINGTON. ALL SIGNAGE SHALL BE APPROVED BY THE CITY OF WASHINGTON.

PROJECT TITLE: **CONDITIONAL USE PERMIT APPLICATION**

PROJECT NO: **1019-06**

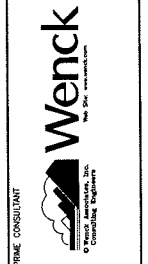
DATE: **JUNE 2012**

SCALE: **AS SHOWN**

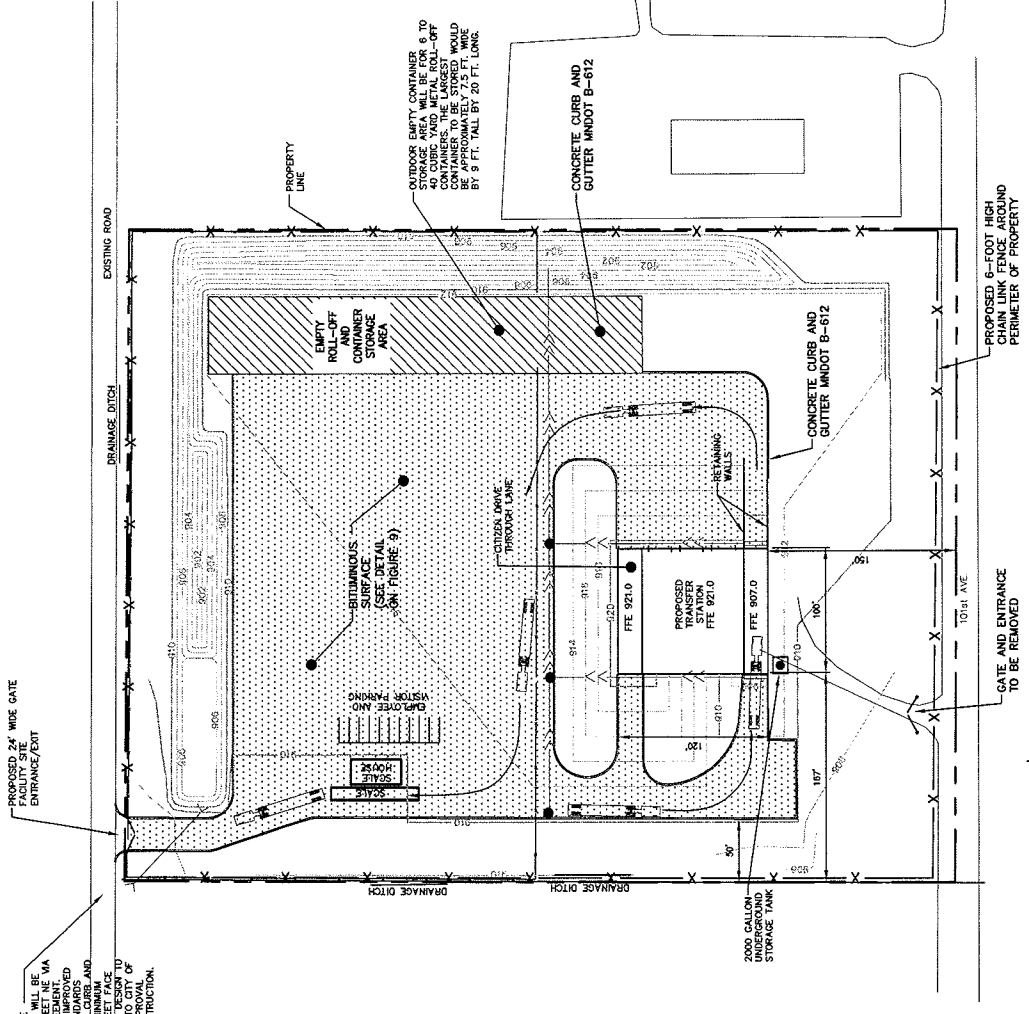
FIGURE: **3**

REV: **1**

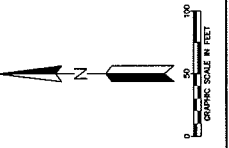
Walters Recycling and Refuse, Inc.

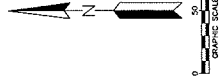


REV	DESCRIPTION	DATE
1	RESPONSE TO CITY COMMENTS	06-20-12
0	ISSUED FOR AGENCY APPROVAL	06-08-12



ACCESS TO SITE ENTRANCE/EXIT WILL BE OFF AVENUE NE VIA OFF AVENUE NE VIA ACCESS TO BE IMPROVED TO URBAN STANDARDS WIDTH OF 24 FEET FACE GUTTER TO A MINIMUM BE SUBMITTED TO CITY OF WASHINGTON FOR APPROVAL PRIOR TO CONSTRUCTION.

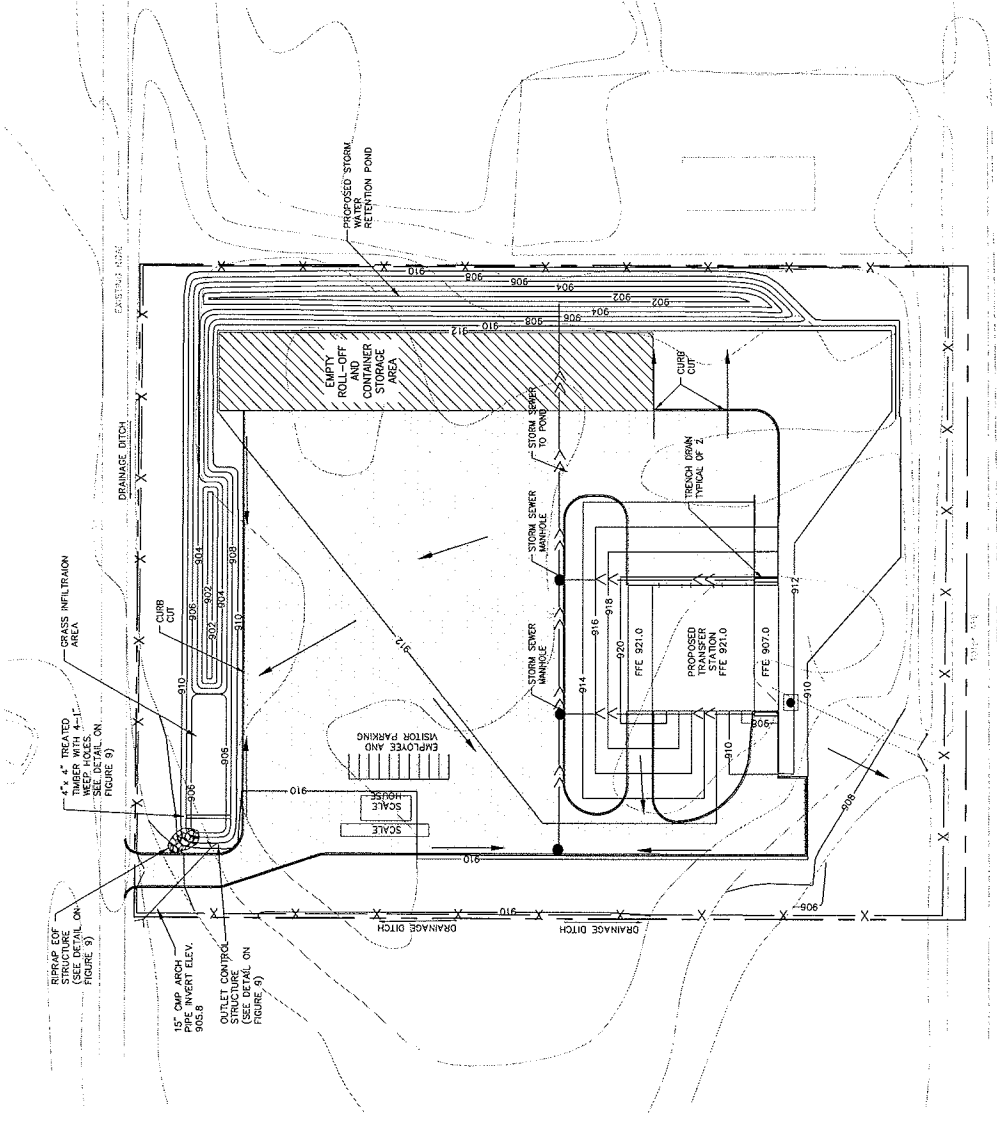




SURFACE WATER DRAINAGE DIRECTION

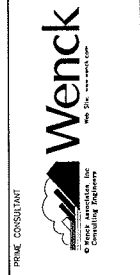
EROSION CONTROL NOTES:

1. SILT FENCE WILL BE INSTALLED BEFORE GRADING STARTS AND SHALL BE MAINTAINED UNTIL VEGETATION IS ESTABLISHED.
2. BERM EROSION CONTROL SHALL BE INSTALLED AS SOON AS GRADING IS COMPLETE.
3. ROCK CONSTRUCTION ACCESS SHALL BE BUILT BEFORE GRADING STARTS AND MAINTAINED UNTIL AREA IS PAVED.
4. FINISH GRADING OF GRASS INFILTRATION AREA SHALL BE PERFORMED AFTER ALL CONSTRUCTION HAS BEEN COMPLETED.



PROJECT TITLE		PROPOSED SITE GRADING AND DRAINAGE PLAN	
DATE BY	DATE	DATE	DATE
JMB	JUN 2012	JUN 2012	JUN 2012
PROJECT NO.	1019-06	SHEET NO.	4
SCALE		AS SHOWN	
REV. NO.		REV. NO.	
1		1	

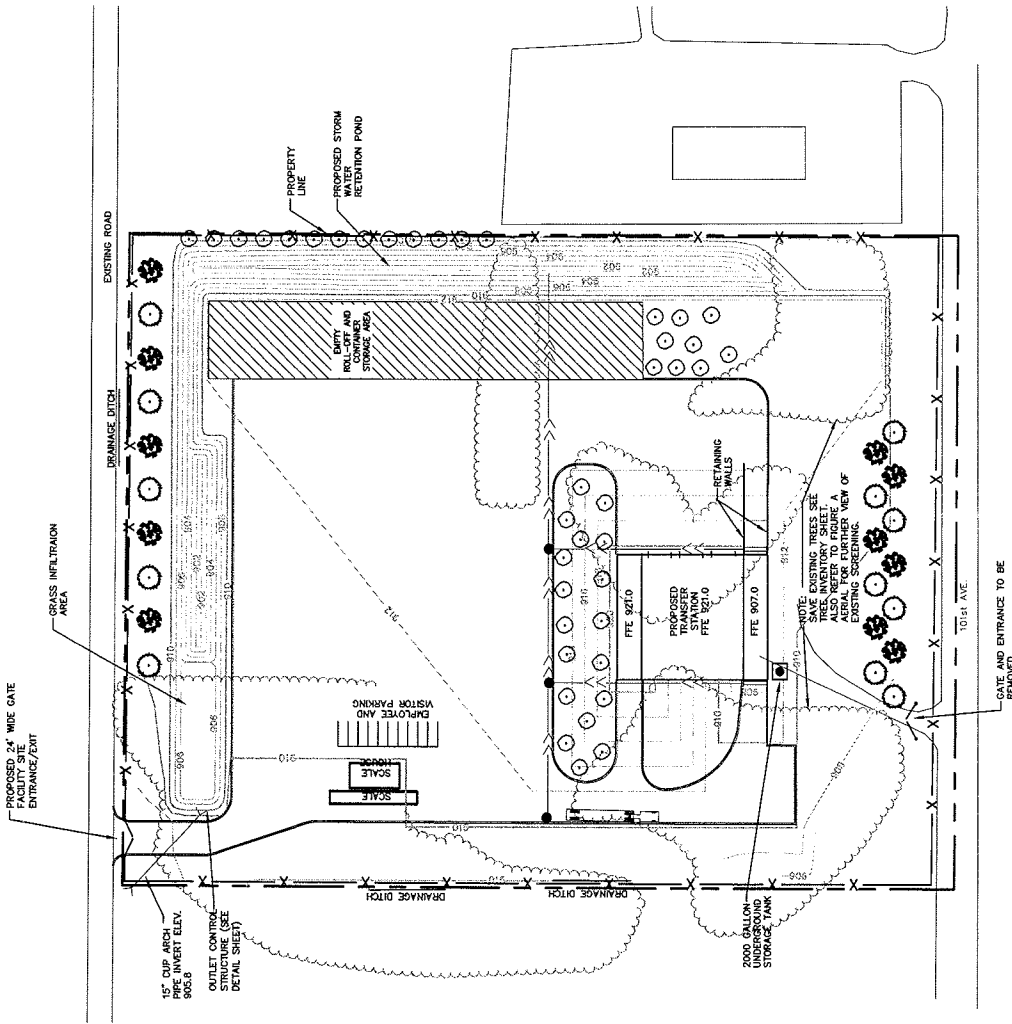
PROJECT TITLE: CONDITIONAL USE PERMIT APPLICATION  
 WALTERS RECYCLING AND REFUSE, INC.



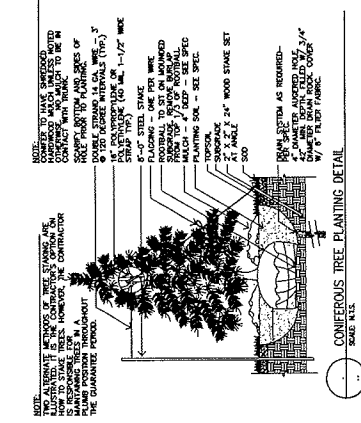
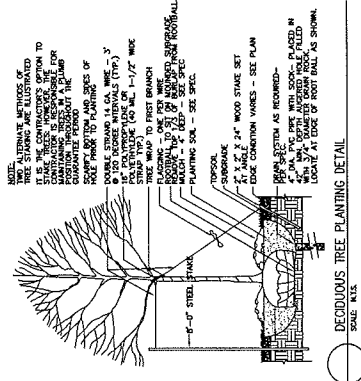
NO.	REVISION DESCRIPTION	DATE	APP.	REV. DATE
1	RESPONSE TO CITY COMMENTS	JUN 15, 08-20-12		
0	ISSUED FOR AGENCY APPROVAL	JUN 15, 08-08-12		

NO.	REVISION DESCRIPTION	DATE	APP.	REV. DATE





REV	DATE	COMMON NAME	INSTALLED NOT / ROOT CALL SPECIFIED	COMMENTS
1	06-20-12	CONCRETE WALKS - 12" TOTAL THICKNESS	1.6. HPT	1.6. HPT
2	06-20-12	BRICK WALKS - 12" TOTAL THICKNESS	1.6. HPT	1.6. HPT
3	06-20-12	WOOD STAKE SET	1.6. HPT	1.6. HPT
4	06-20-12	WOOD STAKE SET	1.6. HPT	1.6. HPT
5	06-20-12	WOOD STAKE SET	1.6. HPT	1.6. HPT
6	06-20-12	WOOD STAKE SET	1.6. HPT	1.6. HPT
7	06-20-12	WOOD STAKE SET	1.6. HPT	1.6. HPT
8	06-20-12	WOOD STAKE SET	1.6. HPT	1.6. HPT
9	06-20-12	WOOD STAKE SET	1.6. HPT	1.6. HPT
10	06-20-12	WOOD STAKE SET	1.6. HPT	1.6. HPT
11	06-20-12	WOOD STAKE SET	1.6. HPT	1.6. HPT
12	06-20-12	WOOD STAKE SET	1.6. HPT	1.6. HPT
13	06-20-12	WOOD STAKE SET	1.6. HPT	1.6. HPT
14	06-20-12	WOOD STAKE SET	1.6. HPT	1.6. HPT
15	06-20-12	WOOD STAKE SET	1.6. HPT	1.6. HPT
16	06-20-12	WOOD STAKE SET	1.6. HPT	1.6. HPT
17	06-20-12	WOOD STAKE SET	1.6. HPT	1.6. HPT
18	06-20-12	WOOD STAKE SET	1.6. HPT	1.6. HPT
19	06-20-12	WOOD STAKE SET	1.6. HPT	1.6. HPT
20	06-20-12	WOOD STAKE SET	1.6. HPT	1.6. HPT



PROJECT TITLE: PROPOSED LANDSCAPING PLAN

PROJECT NO.: 1019-06

FIGURE 7

DATE: JUNE 2012

SCALE: AS SHOWN

OWNER: WALTERS RECYCLING AND REFUSE, INC.

DESIGNER: WENCK

REV

NO.	DESCRIPTION	DATE
1	RESPONSE TO CITY COMMENTS	06-20-12
2	ISSUED FOR AGENCY APPROVAL	06-20-12

APP: [ ] REV: [ ]

Wenck  
LANDSCAPE ARCHITECTS, INC.  
10000 W. 10TH AVENUE, SUITE 100  
DENVER, CO 80202

GRAPHIC SCALE IN FEET



# Operations Narrative and Plans for the Proposed Walters Transfer Facility

2665 101<sup>st</sup> Avenue NE  
Blaine, Minnesota

**Wenck File #1019-06**

Prepared for:

**WALTERS RECYCLING AND REFUSE  
SERVICE  
PO BOX 67  
CIRCLE PINES, MN 55014-0067**

Prepared by:

**WENCK ASSOCIATES, INC.**  
1800 Pioneer Creek Center  
P.O. Box 249  
Maple Plain, Minnesota 55359-0249  
(763) 479-4200

June 8, 2012

 Wenck

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- A Surrounding Property Owners
- B Geotechnical Investigation Report
- C Easement Agreement for Northwest Entrance/Exit from Xylite Street NE

## FIGURES (Provided as Attachment to CUP Application)

- Figure 1 – USGS Site Location Map (8 ½ x 11 inch)
- Figure 2 – Aerial Site Detail Map (8 ½ x 11 inch)
- Figure 3 – Proposed Site Plan (11 x 17 inch and 22 x 34 inch)
- Figure 4 – Proposed Site Grading Plan (11 x 17 inch and 22 x 34 inch)
- Figure 5 – Proposed Building Sections (11 x 17 inch and 22 x 34 inch)
- Figure 6 – Proposed Building Elevations (11 x 17 inch and 22 x 34 inch)
- Figure 7 – Proposed Landscaping Plan (11 x 17 inch and 22 x 34 inch)
- Figure 8 – FEMA Floodplain Map (8 ½ x 11 inch)
- Certificate of Survey and Tree Inventory

# 1.0 Introduction

## 1.1 PURPOSE

Walters Recycling and Refuse Service (Walters) respectfully submits to the City of Blaine this Operations Narrative in support of Walter's request for a conditional use permit for a new municipal solid waste (MSW) transfer and recycling facility. The proposed facility will be located on approximately 7.5 acres at 2665 101<sup>st</sup> Avenue NE. This information has been completed in accordance with the requirements set forth by the City of Blaine Code of Ordinances. No variance is being requested for this project. The proposed transfer facility will be owned and operated by Walters and replace the existing transfer operation located at Walter's current office and hauling operations site.

It is important to note that this Operations Narrative references Figures that were attached to the Walters Conditional Use Permit Application submittal. The Figures are not represented within this narrative.

## 1.2 GENERAL INFORMATION

Land Owner:

Walters Investments, LLC  
P.O. Box 67  
Circle Pines, MN 55014-0067  
(763) 780-8464  
Attn: George Walter

Applicant:

Walters Recycling and Refuse Service, Inc.  
P.O. Box 67  
Circle Pines, MN 55014-0067  
(763) 780-8464  
Attn: George Walter

Professional Consultants:

**Wenck Associates, Inc.**  
Mr. Tom Shustarich, P.E.  
1800 Pioneer Creek Center  
P.O. Box 249  
Maple Plain, MN 55359  
(763) 479-4226

## **2.0 General Project Description**

### **2.1 SITE LOCATION AND DESCRIPTION**

As stated above, Walters plans to build on the existing property at 2665 101<sup>st</sup> Avenue NE to serve as a solid waste transfer facility for municipal solid waste (MSW), construction and demolition debris (C&D), and yard waste/recyclable materials. The City of Blaine zoning map indicates that the site is zoned I-2 heavy Industrial, and the site has a General Industrial I-2 Permit from Anoka County along with all adjacent properties. The subject property is bordered on the north by industrial zoned land; to the east is Manning Transfer; to the west is Plant Flange Equipment; and to the south is 101<sup>st</sup> Avenue NE. A list of adjacent property owners as well as other properties within a 350 foot radius is attached in Appendix A. Please refer to Figure 3 – Proposed Site Plan for surveyed site boundaries.

The topography at the site may be characterized as gently rolling. Surface drainage in the area of the proposed transfer station is generally south to southwest. No karst features, such as sinkholes, are present on-site. The soils beneath the site may be classified as coarse alluvium consisting of sand, sand with silt, and silty sand. A geotechnical investigation including soil borings was completed at the site and the boring logs from the investigation are provided in Appendix B. Groundwater was observed at 10 to 13 feet below grade during the geotechnical investigation.

There are no schools within one mile of the facility.

The Anoka County Airport is approximately 1,250 feet southwest of the facility. There are no parks within one mile of the facility.

The facility is proposed to be served by city water and city sewer. According to the City of Blaine, there are stubouts to the property off of 101<sup>st</sup> Avenue, both 8-inch city water and 8-inch sanitary sewer.

## **2.2 GENERAL FACILITY DESCRIPTION**

To serve the transfer operations, Walters is proposing to construct a 120-foot by 100-foot (12,000 square foot) pre-engineered steel frame building on a concrete foundation. The building will be located in the south to south central portion of the approximately 7.5 acre site. In addition, a truck scale and scale house will be built in the northwest portion of the site. Construction of the facility will begin once all required permits are obtained. Based on code review and conversations with a City of Blaine Building Code Official, a fire suppression system will need to be installed as required by the local fire code.

Transfer operations will take place within the 12,000 square foot steel frame building which will serve as the enclosed transfer facility. The tipping areas, southern portion of the building, will be raised approximately 14 feet above scale pit in the load-out area. The elevation difference between the tipping floor area and the load-out area of the facility will be achieved through both common excavation and fill placement. The building will be raised approximately 7 feet above the existing grade. This will promote drainage of surface water away from the building to the stormwater collection ponds. Any liquids generated inside the building during operation will be collected in collection grates located strategically in the transfer facility. The south loadout bay collection sump has dual contained pipe sloping to the south. This dual contained pipe will connect to a 2,000 double-walled tank located to the north of the building, see Figure 4.

As shown on Figure 3 – Proposed Site plan, Walters is also providing a paved area for the outdoor storage of empty roll-offs and containers.

## 2.3 WETLAND IMPACTS

On behalf of Walters, Wenck previously submitted a December 2000 wetland delineation report for this property to the Rice Creek Watershed District and the City of Blaine. Based on conversations with City planning officials, an updated wetland delineation was completed in May 2012 with the Wetland Delineation Report provided as an attachment to the CUP application submitted on June 8, 2012 by Walters.

Surface water for a majority of the site will be directed to proposed stormwater ponds to be located on the northern and eastern edges of the Property, see Figure 4. Existing drainage to the south of the proposed building will basically remain the same with surface water being directed to the south and southeast. See attached Site Grading Plan for more detail. It is also important to note that Walters previously submitted an application for this site to the Rice Creek Watershed District in the fall of 2000 under Rice Creek Watershed Application No. 01-145. The surface water management system shown on Figure 4 is generally the same as what Rice Creek Watershed and Walters arrived at during the 2000/2001 application process.

Walters is planning on saving as many trees as possible when constructing this site. Specifically, the trees located adjacent to the access road off of 101<sup>st</sup> Street NE will be saved. In addition, Walters is proposing on leaving at least 20 feet of trees on the west side of the proposed building to be used as screenage. Walters is also proposing on planting trees and shrubs in new construction area, see Proposed Landscape Plan (Figure 7) and Tree Inventories which were completed in 2000 and 2001 and were attached to the CUP Application.

## **3.0 Proposed Transfer Facility Operations**

### **3.1 GENERAL FACILITY OPERATIONS**

As previously stated, Walters is proposing to build a new solid waste transfer facility for handling municipal solid waste (MSW), C&D, yard waste and recyclables. The transfer facility proposed grading site plan, proposed layout, and building sections are presented in the Figures section of the CUP submittal. Engineering Plans and Specifications for design and construction of the transfer facility expansion will be submitted to the MPCA and the City of Blaine for review prior to construction. Construction shall be in accordance with Blaine's Standard Specifications for utility and street construction.

This transfer facility is sized to handle approximately 500 to 700 tons per day of MSW. Construction and demolition debris (C&D), yard waste, and recyclables will also be accepted for transfer. The building will have an inside area for tipping floor space, where MSW, C&D material, and yard waste may be unloaded. The building also will have storage bunker areas for MSW and C&D as well as for yard waste and any recyclables. The facility will be transferring recyclables, such as scrap metal, and any scrap metal, tires, and appliances/white goods received at the facility will be separated out and stored in an enclosed container for transfer. It is important to note that no wastes will be permanently stored on-site and MSW delivered to the transfer station will typically be transferred off-site within 24 hours.

At the south end of the facility will be the transfer trailer load-out bay. Waste will be loaded from the tipping floor area into the transfer trailer. The north end of the transfer facility will provide for a citizens drive through lane where the public may unload MSW, C&D, and recyclables in roll-off containers. The drive through lane and roll-offs will allow public customer traffic to not mix with commercial traffic.

### 3.2 TRAFFIC FLOW AND MATERIAL ACCEPTANCE

Types of vehicles which will be entering and exiting the site:

- Commercial and MSW refuse trucks
- Transfer trailers
- Recycling vehicles
- Passenger cars and trucks (employees, customers, and visitors)

The site will be accessed by waste hauling vehicles via 101<sup>st</sup> Avenue NE and Xylite Street NE to the site entrance/exit in the northwest corner of the property. Access from Xylite Street NE to the transfer facility's site entrance/exit will be along an easement agreement which is provided in Appendix C. It is important to note that Walters is proposing to place a locked gate at the entrance/exist off 101<sup>st</sup> Avenue. All waste vehicles must be inspected and weighed at the scalehouse located as shown on Figure 3. Access will be maintained to the facility tipping areas whenever the facility is operational.

The proposed transfer station layout is provided as Figure 3, and as shown, the facility will have a tipping area so that trucks will back into for unloading. In general, incoming refuse vehicles will enter through one of three overhead doors on the east side and exit through the same overhead doors. Prior to entering the transfer station, the refuse vehicles and trailers are weighed in at a scale located as shown on Figure 3. Any unacceptable wastes will be pulled out of the MSW by the operator, isolated, and removed from the transfer station for proper disposal. MSW and C&D loads will be unloaded on the tipping floor area and inspected by the operator. Yard waste and recyclable materials will be unloaded on the appropriate tipping floor area and also will be inspected by the operator. It is estimated that the facility has capacity to receive approximately 200 to 250 vehicles per day and anticipates receiving an average of 130 to 160 vehicles per day.



A breakdown of the type and number of vehicles anticipated is as follows:

Refuse Collection Vehicles	80
Transfer Trailers	25
Private Citizens, Pickups, etc.	30
Employee, Visitors, etc.	5
	<hr/>
	140

### 3.3 WASTE HANDLING OPERATIONS

Approximately 8,000 square feet of the MSW tipping floor (approximately 8-inch thick reinforced concrete) area is proposed for storage and handling of waste, which at an average height of 10 feet would hold approximately 2,900 cubic yards of MSW (or 900 tons based on 600 pounds per cubic yard). The MSW, C&D and yard waste (whichever waste needs to be transferred) will be fed directly into a transfer trailer, on the north end, using a front-end loader. The transfer trailer wheels will sit approximately 14.0 feet below the tipping floor elevation. When a full load is obtained, the trailer is transported to an appropriate waste disposal, recovery or composting facility. All transfer trailers are equipped with tarps to cover the waste to prevent littering.

If material that is not accepted at the facility is found, whether, C&D, recyclables or MSW, it will immediately be reloaded and the driver will haul it to a licensed sanitary landfill, demolition disposal facility, or as dictated by the waste type. Measures will be taken to insure that occurrences of unacceptable wastes arriving at the facility are minimized and the handling of wastes, both acceptable and unacceptable will be uniform. Restrictions on acceptable and unacceptable wastes, as specified in Section 3.6, will be made known to all facility personnel and drivers as part of their training. All drivers will be instructed in types of wastes which can be delivered to the facility, waste identification, waste handling procedures, etc.

As previously stated, the proposed throughput capacity for this transfer facility is approximately 500 to 700 tons per day based on average based on a 6.0-day operational week, which also includes C&D and yard waste accepted at the facility.

### **3.4 STORMWATER MANAGEMENT**

Run-off from the facility will be controlled in accordance with an NPDES General Stormwater Management Permit for the site. As discussed previously, the driving surfaces on-site are proposed to be bituminous and the site will be graded for stormwater to drain to the proposed pond for the north half of the property and south/southwest for the remaining flow and away from the building in all directions. Regular inspections will be conducted to prevent stormwater run-off and/or run-on problems. If problems are found, they will be immediately corrected, and action will be taken to prevent a future occurrence. Transfer operations will take place within the enclosed facility so that any precipitation will not contact the waste.

The entrance and exit for the loadout will be below existing grade. A storm water grate will be installed in front of the overhead door to collect surface water and drain to the pond located on the east edge of the property. The pond was sized to handle a 100-year, 5.9-inch rainfall, storm event for the transfer station footprint. In addition, surface water will flow from the southwest and west edges of the property to the ditch located on the west property line. Surface water will flow north in the ditch to the proposed culvert, to be installed by the north gate to the pond.

It is anticipated that any liquid generated within the facility will be directed to the drain point, located within the center of the scale in the transfer trailer loadout areas. The floor drain within the building will be gravity fed to a collection tank. Discharge from the tank could be either to the local sanitary sewer system or periodically removed by tanker truck and disposed of at a treatment facility. It is important to note that the facility operator and any personnel responsible

for transporting the leachate will be properly trained in leachate, collection procedures, and facility emergency response.

### **3.5 FACILITY CAPACITY**

The facility will have capacity to handle approximately 200 to 250 vehicles per day and expects to handle 130 to 160 vehicles per day. These averages may be exceeded on any given day. To haul away MSW and other recyclable waste, transfer vehicles will leave the facility at an average rate of approximately 25 vehicles per day. The site operator will not accept MSW from vehicles that do not meet the requirements of MN Rule 7035.0800, subps. 2 and 3, and all vehicles transporting waste from the facility will meet the above rule requirement. The impact on traffic due to the additional proposed throughput capacity requested as part of this application would be minimal.

The site entrance and exit for refuse collection vehicles, transfer trailers, and private citizen vehicles is on the north side of the site. The driveways and parking areas are paved and will be maintained. The site has sufficient area to allow for the safe passage of all vehicles. Site operators will also be directing traffic on-site.

### **3.6 TYPES OF MATERIALS**

Wastes accepted at the facility is proposed to include the following:

- MSW
- Yard waste
- Construction and demolition debris waste
- Various recyclables

Those wastes specifically precluded from the transfer station are:

- 1) Waste containing polychlorinated biphenyls at a concentration greater than 50 ppm
- 2) Rendering and slaughterhouse wastes
- 3) Wastes that could spontaneously combust or that could ignite other waste because of high temperatures
- 4) Ash from incinerators, resource recovery facilities and power plants
- 5) Sludges, including ink sludges, lime sludge, wood sludge, and paper sludge
- 6) Spent-activated carbon filters
- 7) Hazardous wastes, categorized according to Minnesota Statutes, Chapter 115B and 116, and Minnesota Rules, Chapter 7045, or wastes that have not been evaluated pursuant to parts 7045.0214 to 7045.217.
- 8) Sewage sludge, septic tank pumpings, sewage sludge compost, or sewage unless it has been treated by a process to significantly reduce pathogens pursuant to parts 7040.0100 to 7040.4700 or 7035.2835
- 9) Infectious wastes
- 10) Radioactive wastes
- 11) Wastes containing free liquids
- 12) Free liquids

Only solid waste management facilities licensed by the appropriate regulatory agencies will be utilized.

This section addresses temporary storage of MSW, C&D, recyclables, and other materials separated out of the waste stream.

No wastes will be permanently stored on-site. The new transfer station, there will be an approximately 8,000 square foot MSW, C&D, and yard waste tipping area and an attempt will be made to remove all putrescible waste from the facility on a daily basis. Stored waste must be kept inside on the tipping floor or in an enclosed container or storage bunker at all times.

Typically, wastes remain on-site for less than 24 hours, except during extreme weather conditions or other contingency situations.

No more than 500 waste tires will be stored at the facility at one time, unless a separate permit is obtained for this activity in accordance with the Minnesota Statutes.

Special provisions will be made when bulky items and appliances come in for temporary storage so that storage does not impede daily operations. Bulky items and appliances will be removed as needed. Scrap metal will be placed in containers and removed from the facility as needed.

### **3.7 HOURS OF OPERATION AND SECURITY**

The facility will be open for receiving wastes from 6:00 a.m. - 6:00 p.m. Monday through Saturday. However, if necessary under emergency conditions, the facility will extend their operational hours to also possibly include Sundays. Such operation extensions will only be done if operators and all other personnel necessary to carry out operations in conformance with the facility permit are present.

A trained operator will be on duty at all times the transfer facility is open. However, the operator may close the facility earlier where weather or volumes received warrant discontinuing operation of the facility. The transfer facility will be locked and access denied during all non-operating hours. An exception will be made to this for specially scheduled loads, which arrive or leave outside of normal operating hours. Such vehicles will be unloaded only if an operator and all other personnel necessary to carry out operations in conformance with the facility permit are present.

### **3.8 EQUIPMENT USED**

Equipment to be used routinely at the facility includes the following, or equivalent equipment:

- Front end loader
- Roll-off boxes and dumpsters
- Bobcat
- Tractor

Other equipment is available through other Walters sites or rental and purchase, if needed.

### **3.9 FACILITY MAINTENANCE**

Waste will be containerized as much as possible at the site. The tip floor will be scraped daily to minimize dust and disease vectors. Fencing and litter pickup to be conducted as necessary, but at minimum, on a weekly basis will minimize wind-blown litter. Proper operational practices will eliminate any nuisances.

Maintenance procedures will include regularly scheduled maintenance of equipment according to manufacturer's specifications. Roads will be swept and potholes or other damage repaired as necessary. The facility will be thoroughly cleaned on an as-needed basis, and all residuals will be disposed of properly. The tipping floor will be cleaned monthly at a minimum. The tipping floor will be a reinforced concrete pad and when swept will be inspected by the site operator for any cracks or damage. If the site operator notices any problems, he will implement repairs immediately. The extent of the repairs may vary and for small cracks the facility may grout or mortar the cracks themselves. It is likely that an outside contractor (who could be on-site within 24 to 48 hours) would be hired to repair more significant damage.

The entrance gate and buildings are locked when the transfer facility is closed.

### **3.10 FACILITY INSPECTIONS**

Inspections will be conducted by the facility manager and necessary actions taken to maintain a clean, safe, and secure site. In addition, informal daily inspections will be done as a "trouble-shooting" measure.

A log of inspections will be maintained in the facility operating record. The log will include the name of the inspector, the date and time of inspection, observations made, the items inspected, and the date and nature of repairs. This information will be summarized in annual reports submitted to the MPCA.

An operator who is qualified to implement and monitor site safety procedures will be on duty at all times. An Emergency Response Plan for this facility will be prepared.

### **3.11 OPERATING RECORDS**

An operating record for the facility will be maintained. The information will include:

- Description and quantity of all incoming waste, according to the following categories:
  - ⇒ MSW
  - ⇒ Recyclables
  - ⇒ C&D
  - ⇒ Yard waste
  - ⇒ Other
- Origin of each incoming load, including deliverer's name, address, and telephone number;
- Description and quantity of each outgoing load, according to the following categories:

⇒ Transfer waste (MSW with C&D and recyclables included)

- Destination of each outgoing load
- Summary reports and details for corrective actions
- Records and results of inspections
- Records of all equipment maintenance

Records for the above information will be maintained for at least five years following closure of the facility and will be made available for inspection by the MPCA, Anoka County, and the City of Blaine.

The annual report will be submitted by February 1st of each year for the previous calendar year. The information to be reported will be as specified in MR Part 7035.2585 and includes:

- Personnel training documentation
- Monthly summary of waste types and quantities accepted and transferred, with their origins and destinations, respectively
- Summary of inspections and maintenance
- Assessment of the closure and contingency action plans

The annual report will be certified by the Operator. A copy will be submitted to the MPCA.