



REGIONAL REVIEW FINDING

Atlanta Regional Commission • 40 Courtland Street NE, Atlanta, Georgia 30303 • ph: 404.463.3100 • fax: 404.463.3105 • www.atlantaregional.com

DATE: Nov 12 2008

ARC REVIEW CODE: R810131

TO: Chairman Charles Bannester

ATTN TO: Jeff West, Planning Manager

FROM: Charles Krautler, Director

NOTE: This is digital signature.
Original on file.

The Atlanta Regional Commission (ARC) has completed regional review of the following Development of Regional Impact (DRI). Below is the ARC finding. The Atlanta Regional Commission reviewed the DRI with regard to conflicts to regional plans, goals, and policies and impacts it might have on the activities, plans, goals, and policies of other local jurisdictions and state, federal, and other agencies. The finding does not address whether the DRI is or is not in the best interest of the local government.

Submitting Local Government: Gwinnett County

Name of Proposal: Waste Management Recycling Center

Review Type: Development of Regional Impact

Date Opened: Oct 13 2008

Date Closed: Nov 12 2008

FINDING: After reviewing the information submitted for the review, and the comments received from affected agencies, the Atlanta Regional Commission finding is that the DRI is in the best interest of the Region, and therefore, of the State.

Additional Comments: The proposed development is located in an area that is primarily dominated by other industrial and warehouse uses within Gwinnett County. It is important to consider compatible uses as the area continues to develop.

The ARC Unified Growth Policy Map (UGPM) indicates that the proposed is located within a mega corridor. Mega corridors are defined as the most intensely developed radial corridors in the region. The proposed development is also located within a Freight Area, which are defined as concentrated areas of freight and industrial areas.

THE FOLLOWING LOCAL GOVERNMENTS AND AGENCIES RECEIVED NOTICE OF THIS REVIEW:

ARC LAND USE PLANNING

ARC DATA RESEARCH

GEORGIA DEPARTMENT OF NATURAL RESOURCES

CITY OF DORAVILLE

GWINNETT VILLAGE CID

ARC TRANSPORTATION PLANNING

ARC AGING DIVISION

GEORGIA DEPARTMENT OF TRANSPORTATION

CITY OF NORCROSS

ARC ENVIRONMENTAL PLANNING

GEORGIA DEPARTMENT OF COMMUNITY AFFAIRS

GEORGIA REGIONAL TRANSPORTATION AUTHORITY

DEKALB COUNTY

If you have any questions regarding this review, Please call Jon Tuley at (404) 463-3309. This finding will be published to the ARC website.

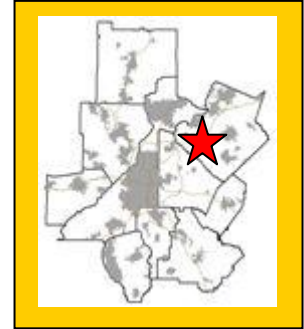
The ARC review website is located at: <http://www.atlantaregional.com/landuse> .

Preliminary Report:	October 13, 2008	DEVELOPMENT OF REGIONAL IMPACT <u>REVIEW REPORT</u>	Project:	Waste Management Recycling Center #1940
Final Report Due:	November 12, 2008		Comments Due By:	October 27, 2008

FINAL REPORT SUMMARY

REVISED PROPOSED DEVELOPMENT:

The proposed Waste Management Recycling Center is a 43,500 square foot recycling center addition located on 118 acres in Gwinnett County. Site access for the development is on Corley Road.



PROJECT PHASING:

The project is being proposed in one phase with a project build out date 2009

GENERAL

According to information on the review form or comments received from potentially affected governments:

Is the proposed project consistent with the host-local government's comprehensive plan? If not, identify inconsistencies.

The project site is currently zoned M-1 industrial. The site does not need to be rezoned but will go through the rezoning process for a change in conditions. The future land use plan for Gwinnett County designates the area as heavy industrial.

Is the proposed project consistent with any potentially affected local government's comprehensive plan? If not, identify inconsistencies.

No comments were received identifying inconsistencies with any potentially affected local government's comprehensive plan.

Will the proposed project impact the implementation of any local government's short-term work program? If so, how?

No comments were received concerning impacts to the implementation of any local government's short term work program.

Will the proposed project generate population and/or employment increases in the Region? If yes, what would be the major infrastructure and facilities improvements needed to support the increase?

No, the proposed development would not increase the need for services in the area.

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What other major development projects are planned near the proposed project?

The ARC has reviewed other major development projects, known as Area Plan (1984 to 1991) or as a DRI (1991 to present), within a 1 mile radius of the proposed project.

YEAR NAME

2007 Arrow Waste
2006 Jones Mill Solid Waste Transfer Station
2006 OFS Brightwave Redevelopment Site
2003 Global Forum
1990 Corners Office Park

Will the proposed project displace housing units or community facilities? If yes, identify and give number of units, facilities, etc.

Based on information submitted for the review, the site is currently occupied by a landfill and waste handling facilities that will not be demolished.

Will the development cause a loss in jobs? If yes, how many?

No.

Is the proposed development consistent with regional plans and policies?

The proposed development is located in an area that is primarily dominated by other industrial and warehouse uses within Gwinnett County. It is important to consider compatible uses as the area continues to develop.

The ARC Unified Growth Policy Map (UGPM) indicates that the proposed is located within a mega corridor. Mega corridors are defined as the most intensely developed radial corridors in the region. The proposed development is also located within a Freight Area, which are defined as concentrated areas of freight and industrial areas.

The property is in the Chattahoochee River Watershed, and is within the water supply watershed portion of the Chattahoochee. The USGS coverage for the area shows a headwater of Crooked Creek on the landfill property but it is not near the proposed recycling facility site. Any unmapped streams that may be on the property near the proposed construction will be subject to Gwinnett County's stream buffer ordinance, which requires a 75-foot buffer along perennial and intermittent streams. Further, any state waters that may be on the property will be subject to the 25-foot Erosion and Sedimentation Act buffers, which are administered by the Environmental Protection Division of Georgia DNR.

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FINAL REPORT

Regional Development Plan Policies

1. Provide sustainable economic growth in all areas of the region.
2. Encourage new homes and jobs within existing developed areas of the region, focusing on principal transportation corridors, the Central Business District, activity centers, and town centers.
3. Increase opportunities for mixed use development, transit-oriented development, infill, and redevelopment.
4. At strategic regional locations, plan and retail industrial and freight land uses.
5. Design transportation infrastructure to protect the context of adjoining development and provide a sense of place appropriate for our communities.
6. Promote the reclamation of Brownfield development sites.
7. Protect the character and integrity of existing neighborhoods, while also meeting the needs of communities to grow.
8. Encourage a variety of homes styles, densities, and price ranges in locations that are accessible to jobs and services to ensure housing for individuals and families of all incomes and age groups.
9. Promote new communities that feature greenspace and neighborhood parks, pedestrian scale, support transportation options, and provide an appropriate mix of uses and housing types.
10. Promote sustainable and energy efficient development.
11. Protect environmentally-sensitive areas including wetlands, floodplains, small water supply watersheds, rivers and stream corridors.
12. Increase the amount, quality, and connectivity, and accessibility of greenspace.
13. Provide strategies to preserve and enhance historic resources
14. Through regional infrastructure planning, limit growth in undeveloped areas of the region
15. Assist local governments to adopt growth management strategies that make more efficient use of existing infrastructure.
16. Inform and involve the public in planning at regional, local, and neighborhood levels.
17. Coordinate local policies and regulations to support Regional Policies
18. Encourage the development of state and regional growth management policy.

BEST LAND USE PRACTICES

Practice 1: Keep vehicle miles of travel (VMT) below the area average. Infill developments are the best at accomplishing this. The more remote a development the more self contained it must be to stay below the area average VMT.

Practice 2: Contribute to the area's jobs-housing balance. Strive for a job-housing balance with a three to five mile area around a development site.

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Practice 3: Mix land uses at the finest grain the market will bear and include civic uses in the mix.

Practice 4: Develop in clusters and keep the clusters small. This will result in more open space preservation.

Practice 5: Place higher-density housing near commercial centers, transit lines and parks. This will enable more walking, biking and transit use.

Practice 6: Phase convenience shopping and recreational opportunities to keep pace with housing. These are valued amenities and translate into less external travel by residents if located conveniently to housing.

Practice 7: Make subdivisions into neighborhoods with well-defined centers and edges. This is traditional development.

Practice 8: Reserve school sites and donate them if necessary to attract new schools. This will result in neighborhood schools which provide a more supportive learning environment than larger ones.

Practice 9: Concentrate commercial development in compact centers or districts, rather than letting it spread out in strips.

Practice 10: Make shopping centers and business parks into all-purpose activity centers. Suburban shopping centers and their environs could be improved by mixing uses and designing them with the pedestrian amenities of downtowns.

Practice 11: Tame auto-oriented land uses, or at least separate them from pedestrian-oriented uses. Relegate “big box” stores to areas where they will do the least harm to the community fabric.

BEST TRANSPORTATION PRACTICES

Practice 1: Design the street network with multiple connections and relatively direct routes.

Practice 2: Space through-streets no more than a half-mile apart or the equivalent route density in a curvilinear network.

Practice 3: Use traffic-calming measures liberally. Use short streets, sharp curves, center islands, traffic circles, textured pavements, speed bumps and raised crosswalks.

Practice 4: Keep speeds on local streets down to 20 mph.

Practice 5: Keep speeds on arterials and collectors down to 35 mph (at least inside communities).

Practice 6: Keep all streets as narrow as possible and never more than four traffic lanes wide. Florida suggests access streets 18 feet, subcollectors 26 feet, and collectors from 28 feet to 36 feet depending on lanes and parking.

Practice 7: Align streets to give buildings energy-efficient orientations. Allow building sites to benefit from sun angles, natural shading and prevailing breezes.

Practice 8: Avoid using traffic signals wherever possible and always space them for good traffic progression.

Practice 9: Provide networks for pedestrians and bicyclists as good as the network for motorists.

Practice 10: Provide pedestrians and bicyclists with shortcuts and alternatives to travel along high-volume streets.

Practice 11: Incorporate transit-oriented design features.

Practice 12: Establish TDM programs for local employees. Ridesharing, modified work hours, telecommuting and others.

BEST ENVIRONMENTAL PRACTICES

Practice 1: Use a systems approach to environmental planning. Shift from development orientation to basins or ecosystems planning.

Practice 2: Channel development into areas that are already disturbed.

Practice 3: Preserve patches of high-quality habitat, as large and circular as possible, feathered at the edges and connected by wildlife corridors. Stream corridors offer great potential.

Practice 4: Design around significant wetlands.

Practice 5: Establish upland buffers around all retained wetlands and natural water bodies.

Practice 6: Preserve significant uplands, too.

Practice 7: Restore and enhance ecological functions damaged by prior site activities.

Practice 8: Detain runoff with open, natural drainage systems. The more natural the system the more valuable it will be for wildlife and water quality.

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Practice 9: Design man-made lakes and stormwater ponds for maximum environmental value. Recreation, stormwater management, wildlife habitat and others.

Practice 10: Use reclaimed water and integrated pest management on large landscaped areas. Integrated pest management involves controlling pests by introducing their natural enemies and cultivating disease and insect resistant grasses.

Practice 11: Use and require the use of Xeriscape™ landscaping. Xeriscaping™ is water conserving landscape methods and materials.

BEST HOUSING PRACTICES

Practice 1: Offer “life cycle” housing. Providing integrated housing for every part of the “life cycle.”

Practice 2: Achieve an average net residential density of six to seven units per acre without the appearance of crowding. Cluster housing to achieve open space.

Practice 3: Use cost-effective site development and construction practices. Small frontages and setbacks; rolled curbs or no curbs; shared driveways.

Practice 4: Design of energy-saving features. Natural shading and solar access.

Practice 5: Supply affordable single-family homes for moderate-income households.

Practice 6: Supply affordable multi-family and accessory housing for low-income households.

Practice 7: Tap government housing programs to broaden and deepen the housing/income mix.

Practice 8: Mix housing to the extent the market will bear.

LOCATION

Where is the proposed project located within the host-local government's boundaries?

The proposed development is located southwest Gwinnett County, west of the Jimmy Carter Boulevard and Corley Road intersection.

Will the proposed project be located close to the host-local government's boundary with another local government? If yes, identify the other local government.

The proposed development is entirely within Gwinnett County's jurisdiction. The proposed project is located less than two miles from the City of Norcross, the City of Doraville and DeKalb County.

Will the proposed project be located close to land uses in other jurisdictions that would benefit, or be negatively impacted, by the project? Identify those land uses which would benefit and those which would be negatively affected and describe impacts.

None were determined during the review.

ECONOMY OF THE REGION

According to information on the review form or comments received from potentially affected governments:

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What new taxes will be generated by the proposed project?

Estimated value of the development is \$10,500,000 with an expected \$800,000 in annual local tax revenues.

How many short-term jobs will the development generate in the Region?

Short-term jobs will depend upon construction schedule.

Is the regional work force sufficient to fill the demand created by the proposed project?

Yes.

In what ways could the proposed development have a positive or negative impact on existing industry or business in the Region?

None were determined during the review.

NATURAL RESOURCES

Watershed Protection and Stream Buffers

The property is in the Chattahoochee River Watershed, and is within the water supply watershed portion of the Chattahoochee. The USGS coverage for the area shows a headwater of Crooked Creek on the landfill property but it is not near the proposed recycling facility site. Any unmapped streams that may be on the property near the proposed construction will be subject to Gwinnett County's stream buffer ordinance, which requires a 75-foot buffer along perennial and intermittent streams. Further, any state waters that may be on the property will be subject to the 25-foot Erosion and Sedimentation Act buffers, which are administered by the Environmental Protection Division of Georgia DNR.

The DNR Part 5 Environmental Criteria include requirements for solid waste handling facilities within public water supply watersheds. For large (greater than 100 square miles) water supply watersheds with direct river intakes, such as the Chattahoochee, there are requirements for solid waste handling facilities within seven miles upstream of the nearest public water supply intake. The nearest downstream intake on the Chattahoochee is more than seven miles downstream.

Storm Water / Water Quality

The project should adequately address the impacts of the proposed development on stormwater runoff and downstream water quality. During construction, the project should conform to the relevant state and federal erosion and sedimentation control requirements. After construction, water quality will be impacted due to polluted stormwater runoff. ARC has estimated the amount of pollutants produced after the construction of the proposed project, based on the submitted site plans. These estimates are based on some simplifying assumptions for typical pollutant loading factors (lbs/ac/yr). The loading factors are based on the results of regional storm water monitoring data from the Atlanta Region. Actual pollutant loadings will vary based on actual use and the amount of impervious surface in the

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final project design. The project area is based on notes from the project meeting. The following table summarizes the results of the analysis.

Estimated Pounds of Pollutants Per Year

Land Use:	Land Area (Acres)	Total Phosphorus	Total Nitrogen	BOD	TSS	Zinc	Lead
Heavy Industrial	2.00	2.90	38.48	256.00	1590.00	3.32	0.42
TOTAL	2.00	2.90	38.48	256.00	1590.00	3.32	0.42

Total Percentage Impervious: 80%

In order to address post-construction stormwater runoff quality, the project should implement stormwater management controls (structural and/or nonstructural) as found in the Georgia Stormwater Management Manual (www.georgiastormwater.com) and meet the stormwater management quantity and quality criteria outlined in the Manual. Where possible, the project should utilize the stormwater better site design concepts included in the Manual.

HISTORIC RESOURCES

Will the proposed project be located near a national register site? If yes, identify site.

None have been identified.

In what ways could the proposed project create impacts that would damage the resource?

Not applicable.

In what ways could the proposed project have a positive influence on efforts to preserve or promote the historic resource?

Not applicable.

INFRASTRUCTURE Transportation

Georgia Regional Transportation Authority Review Findings

This DRI proposal is being considered for review under the Georgia Regional Transportation Authority Expedited Review. The site is being proposed for a 43,500 foot recycling center addition.

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How much traffic (both average daily and peak am/pm) will be generated by the proposed project?

GRTA and ARC review staff agreed with the methodology and assumptions used in the analysis. The net trip generation is based on the specific operational parameters being proposed by the developer. Based on information submitted for the review and the proposed use on the site, the vehicle trips generated by the proposed development will be approximately 133 per day.

What are the existing traffic patterns and volumes on the local, county, state, and interstate roads that serve the site?

Projected traffic volumes from the Regional Travel Demand Model are compared to the assigned capacity of facilities within the study network. This data is used to calculate a volume to capacity (V/C) ratio. The V/C ratio values that define the LOS thresholds vary depending on factors such as the type of terrain traversed and the percent of the road where passing is prohibited. As a V/C ratio reaches 0.8, congestion increases. Any facilities that have a V/C ratio of 1.00 or above are considered congested. By the year 2030, Roosevelt Highway is expected to operate at LOS C.

What transportation improvements are under construction or planned for the Region that would affect or be affected by the proposed project? What is the status of these improvements (long or short range or other)?

2008-2013 TIP*
Not Applicable

Envision6 RTP*

ARC Number	Route	Type of Improvement	Scheduled Completion Year
AR-910	SR 13 (BUFORD HIGHWAY) ARTERIAL BUS RAPID TRANSIT (BRT) FROM PLEASANT HILL ROAD IN GWINNETT COUNTY TO MARTA LINDBERGH STATION IN CITY OF ATLANTA	Arterial BRT	2030

**The ARC Board adopted the Envision6 RTP and FY 2008-2013 TIP on September 26th, 2007.*

Impacts of the recycling center: What are the recommended transportation improvements based on the traffic study done by the applicant?

No significant impacts have been estimated because of the development of this project.

What are the conclusions of this review? Is the transportation system (existing and planned) capable of accommodating these trips?

With only an estimated 53 truck trips accessing the site daily, this development is permissible under the Expedited Review criteria.

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What transportation demand management strategies does the developer propose (carpool, flextime, transit subsidy, etc.)?

Given the type of development, none are necessary and the Air Quality Benchmark test will not be used.

INFRASTRUCTURE

Wastewater and Sewage

Based on regional averages, wastewater is estimated at .003 MGD.

Which facility will treat wastewater from the project?

The Crooked Creek facility will provide wastewater treatment for the proposed development.

What is the current permitted capacity and average annual flow to this facility?

The capacity of the Crooked Creek facility is listed below:

PERMITTED CAPACITY MMF, MGD ₁	DESIGN CAPACITY MMF, MGD	2001 MMF, MGD	2008 MMF, MGD	2008 CAPACITY AVAILABLE +/-, MGD	PLANNED EXPANSION	REMARKS
16	16	15	16	0	None	Combined discharge to Chattahoochee River with F. Wayne plant.

MMF: Maximum Monthly Flow. Mgd: million of gallons per day.

*₁ Source: Metropolitan North Georgia Water Planning District **SHORT-TERM WASTEWATER CAPACITY PLAN**, August 2002.*

What other major developments will be served by the plant serving this project?

ARC has reviewed a number of major developments that will be served by this plant.

INFRASTRUCTURE

Water Supply and Treatment

How much water will the proposed project demand?

Water demand is estimated at .003 MGD based on regional averages.

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How will the proposed project's demand for water impact the water supply or treatment facilities of the jurisdiction providing the service?

Information submitted with the review suggests that there is sufficient water supply capacity available for the proposed project.

INFRASTRUCTURE

Solid Waste

How much solid waste will be generated by the project? Where will this waste be disposed?

Information not submitted for the review.

Will the project create any unusual waste handling or disposal problems?

No.

Are there any provisions for recycling this project's solid waste?

None stated.

INFRASTRUCTURE

Other facilities

According to information gained in the review process, will there be any unusual intergovernmental impacts on:

- **Levels of governmental services?**
- **Administrative facilities?**
- **Schools?**
- **Libraries or cultural facilities?**
- **Fire, police, or EMS?**
- **Other government facilities?**
- **Other community services/resources (day care, health care, low income, non-English speaking, elderly, etc.)?**

None were determined during the review.

HOUSING

Will the proposed project create a demand for additional housing?

No.

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Will the proposed project provide housing opportunities close to existing employment centers?

No.

Is there housing accessible to the project in all price ranges demanded?

Given the minimal number of employees, no housing impact analysis is necessary.

Is it likely or unlikely that potential employees of the proposed project will be able to find affordable* housing?

N/A

* Defined as 30 percent of the income of a family making 80 percent of the median income of the Region – FY 2000 median income of \$51,649 for family of 4 in Georgia.

Developments of Regional Impact

[DRI Home](#)[DRI Rules](#)[Thresholds](#)[Tier Map](#)[FAQ](#)[Apply](#)[View Submissions](#)[Login](#)**DRI #1940****DEVELOPMENT OF REGIONAL IMPACT
Initial DRI Information**

This form is to be completed by the city or county government to provide basic project information that will allow the RDC to determine if the project appears to meet or exceed applicable DRI thresholds. Refer to both the [Rules for the DRI Process](#) and the [DRI Tiers and Thresholds](#) for more information.

Local Government InformationSubmitting Local
Government:

Gwinnett County

Individual completing form:

Jeff West, Planning Manager

Telephone:

678-518-6150

E-mail:

jeffrey.west@gwinnettcountry.com

*Note: The local government representative completing this form is responsible for the accuracy of the information contained herein. If a project is to be located in more than one jurisdiction and, in total, the project meets or exceeds a DRI threshold, the local government in which the largest portion of the project is to be located is responsible for initiating the DRI review process.

Proposed Project Information

Name of Proposed Project:

Waste Management Recycling Center

Location (Street Address,
GPS Coordinates, or Legal
Land Lot Description):

2901 Jones Mill Road

Brief Description of Project:

Recycling Center addition

Development Type:☐ (not selected)☐ Hotels☐ Wastewater Treatment
Facilities☐ Office☐ Mixed Use☐ Petroleum Storage Facilities☐ Commercial☐ Airports☐ Water Supply
Intakes/Reservoirs☐ Wholesale & Distribution☐ Attractions & Recreational
Facilities☐ Intermodal Terminals☐ Hospitals and Health Care
Facilities☐ Post-Secondary Schools☐ Truck Stops☐ Housing☒ Waste Handling Facilities☐ Any other development types☐ Industrial☐ Quarries, Asphalt & Cement
Plants

If other development type, describe:

Project Size (# of units, floor area, etc.):	43,500 square feet
Developer:	Waste Management
Mailing Address:	3001 Pioneer Drive SE
Address 2:	
	City:Smyrna State: GA Zip:30082
Telephone:	770-329-1816
Email:	kimberly.koch@jgg.com
Is property owner different from developer/applicant?	<input type="radio"/> (not selected) <input checked="" type="radio"/> Yes <input type="radio"/> No
If yes, property owner:	Georgia Waste Systems
Is the proposed project entirely located within your local government's jurisdiction?	<input type="radio"/> (not selected) <input checked="" type="radio"/> Yes <input type="radio"/> No
If no, in what additional jurisdictions is the project located?	
Is the current proposal a continuation or expansion of a previous DRI?	<input type="radio"/> (not selected) <input type="radio"/> Yes <input checked="" type="radio"/> No
If yes, provide the following information:	Project Name:
	Project ID:
The initial action being requested of the local government for this project:	<input checked="" type="checkbox"/> Rezoning <input type="checkbox"/> Variance <input type="checkbox"/> Sewer <input type="checkbox"/> Water <input type="checkbox"/> Permit <input type="checkbox"/> Other
Is this project a phase or part of a larger overall project?	<input type="radio"/> (not selected) <input type="radio"/> Yes <input checked="" type="radio"/> No
If yes, what percent of the overall project does this project/phase represent?	
Estimated Project Completion Dates:	This project/phase: 2009 Overall project: 2009
<hr/>	
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Developments of Regional Impact

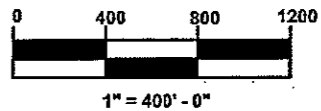
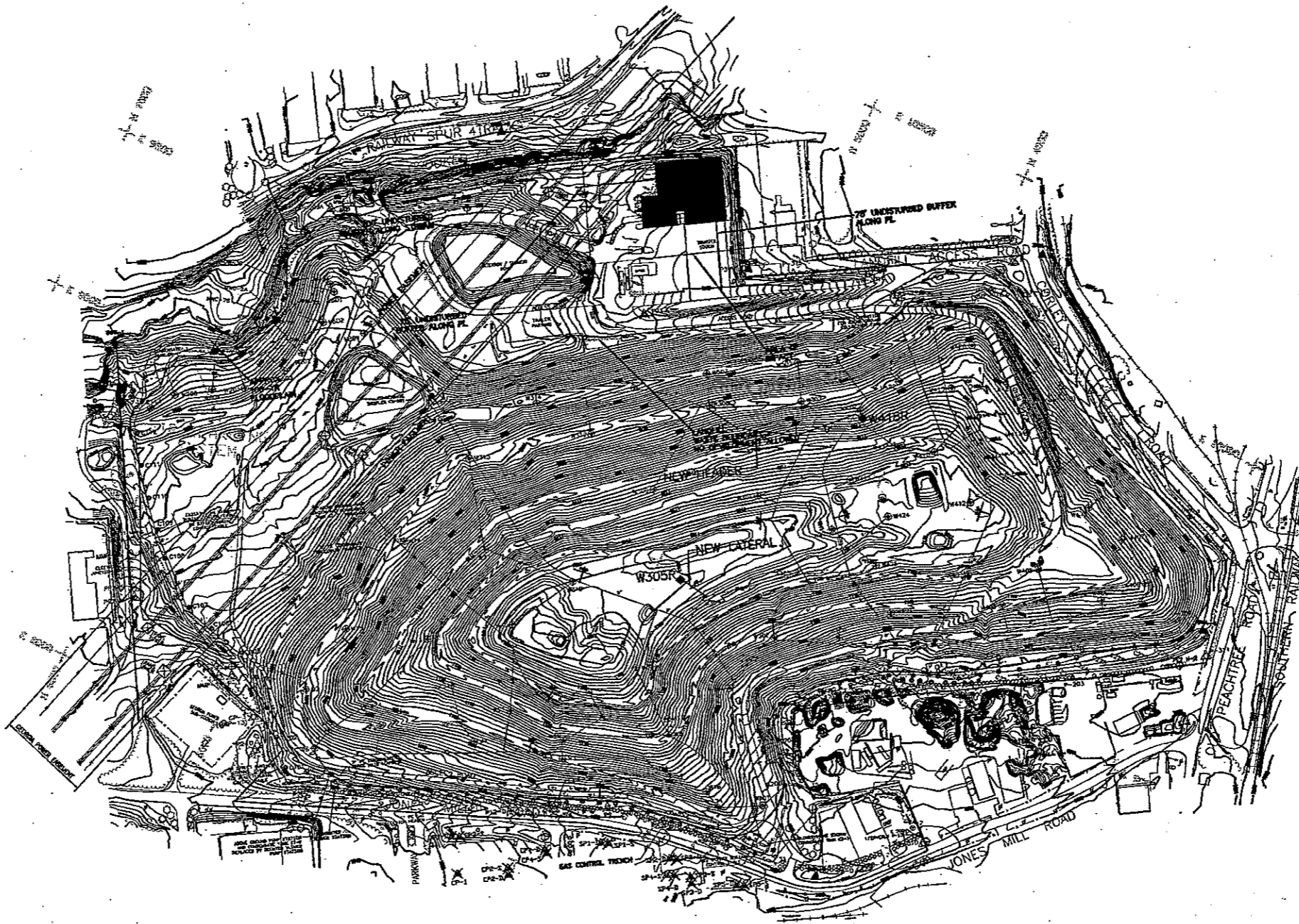
[DRI Home](#)[DRI Rules](#)[Thresholds](#)[Tier Map](#)[FAQ](#)[Apply](#)[View Submissions](#)[Login](#)**DRI #1940**

DEVELOPMENT OF REGIONAL IMPACT Additional DRI Information	
This form is to be completed by the city or county government to provide information needed by the RDC for its review of the proposed DRI. Refer to both the Rules for the DRI Process and the DRI Tiers and Thresholds for more information.	
Local Government Information	
Submitting Local Government:	Gwinnett County
Individual completing form:	Jeff West, Planning Manager
Telephone:	678-518-6150
Email:	jeffrey.west@gwinnettcountry.com
Project Information	
Name of Proposed Project:	Waste Management Recycling Center
DRI ID Number:	1940
Developer/Applicant:	Waste Management
Telephone:	770-329-1816
Email(s):	kimberly.koch@jjg.com
Additional Information Requested	
Has the RDC identified any additional information required in order to proceed with the official regional review process? (If no, proceed to Economic Impacts.)	<input type="radio"/> (not selected) <input checked="" type="radio"/> Yes <input type="radio"/> No
If yes, has that additional information been provided to your RDC and, if applicable, GRTA?	<input type="radio"/> (not selected) <input checked="" type="radio"/> Yes <input type="radio"/> No
If no, the official review process can not start until this additional information is provided.	
Economic Development	
Estimated Value at Build-Out:	\$10,500,000 per developer
Estimated annual local tax revenues (i.e., property tax, sales tax) likely to be generated by the proposed development:	\$800,000 per developer
Is the regional work force sufficient to fill the demand created by the proposed project?	<input type="radio"/> (not selected) <input checked="" type="radio"/> Yes <input type="radio"/> No
Will this development displace	



any existing uses?	<input type="radio"/> (not selected) <input checked="" type="radio"/> Yes <input type="radio"/> No
If yes, please describe (including number of units, square feet, etc): One 7,650 sq ft maintenance building	
Water Supply	
Name of water supply provider for this site:	Gwinnett County
What is the estimated water supply demand to be generated by the project, measured in Millions of Gallons Per Day (MGD)?	.003 mgd per developer
Is sufficient water supply capacity available to serve the proposed project?	<input type="radio"/> (not selected) <input checked="" type="radio"/> Yes <input type="radio"/> No
If no, describe any plans to expand the existing water supply capacity:	
Is a water line extension required to serve this project?	<input type="radio"/> (not selected) <input type="radio"/> Yes <input checked="" type="radio"/> No
If yes, how much additional line (in miles) will be required?	
Wastewater Disposal	
Name of wastewater treatment provider for this site:	Gwinnett County
What is the estimated sewage flow to be generated by the project, measured in Millions of Gallons Per Day (MGD)?	.003 mgd per developer
Is sufficient wastewater treatment capacity available to serve this proposed project?	<input type="radio"/> (not selected) <input checked="" type="radio"/> Yes <input type="radio"/> No
If no, describe any plans to expand existing wastewater treatment capacity:	
Is a sewer line extension required to serve this project?	<input type="radio"/> (not selected) <input type="radio"/> Yes <input checked="" type="radio"/> No
If yes, how much additional line (in miles) will be required?	
Land Transportation	
How much traffic volume is expected to be generated by the proposed development, in peak hour vehicle trips per day? (If only an alternative measure of volume is available, please provide.)	80 pk hr trips/day
Has a traffic study been performed to determine whether or not transportation or access improvements will be needed to serve this project?	<input type="radio"/> (not selected) <input type="radio"/> Yes <input checked="" type="radio"/> No
Are transportation improvements needed to serve this project?	<input type="radio"/> (not selected) <input type="radio"/> Yes <input checked="" type="radio"/> No
If yes, please describe below:	
Solid Waste Disposal	

How much solid waste is the project expected to generate annually (in tons)?	n/a per developer
Is sufficient landfill capacity available to serve this proposed project?	<input type="radio"/> (not selected) <input checked="" type="radio"/> Yes <input type="radio"/> No
If no, describe any plans to expand existing landfill capacity:	
Will any hazardous waste be generated by the development?	<input type="radio"/> (not selected) <input type="radio"/> Yes <input checked="" type="radio"/> No
If yes, please explain:	
Stormwater Management	
What percentage of the site is projected to be impervious surface once the proposed development has been constructed?	0.75% of the landfill site
Describe any measures proposed (such as buffers, detention or retention ponds, pervious parking areas) to mitigate the project's impacts on stormwater management: Stormwater bmp's	
Environmental Quality	
Is the development located within, or likely to affect any of the following:	
1. Water supply watersheds?	<input type="radio"/> (not selected) <input type="radio"/> Yes <input checked="" type="radio"/> No
2. Significant groundwater recharge areas?	<input type="radio"/> (not selected) <input type="radio"/> Yes <input checked="" type="radio"/> No
3. Wetlands?	<input type="radio"/> (not selected) <input type="radio"/> Yes <input checked="" type="radio"/> No
4. Protected mountains?	<input type="radio"/> (not selected) <input type="radio"/> Yes <input type="radio"/> No
5. Protected river corridors?	<input type="radio"/> (not selected) <input type="radio"/> Yes <input checked="" type="radio"/> No
6. Floodplains?	<input type="radio"/> (not selected) <input type="radio"/> Yes <input checked="" type="radio"/> No
7. Historic resources?	<input type="radio"/> (not selected) <input type="radio"/> Yes <input checked="" type="radio"/> No
8. Other environmentally sensitive resources?	<input type="radio"/> (not selected) <input type="radio"/> Yes <input checked="" type="radio"/> No
If you answered yes to any question above, describe how the identified resource(s) may be affected:	
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THIS LINE IS ONE INCH LONG WHEN PLOTTED FULL SCALE



WASTE MANAGEMENT, INC.
08/17/08

					NOT RELEASED FOR CONSTRUCTION	BJ LANDFILL NORCROSS, GEORGIA				
						WASTE MANAGEMENT RECYCLING CENTER OVERALL PLAN				
NO.		DATE	DESCRIPTION OF REVISION			DESIGNED:	CHECKED:	DATE: SEPT 2008	CS.00	REV
						DRAWN:	JOB NO. 01180.267	SCALE:	SHEET	