

Sanitary Landfill

The 2010-2014 Capital Improvements Program for the Sanitary Landfill Division of Public Works is focused on future expansion needs and improvements to ensure the landfill meets all regulatory requirements for its operation.

Projects in the Capital Improvements Program include Landfill Expansion for Cell No. 3, scale and entrance update and expansion, maintenance facility update and expansion, installation of leachate recirculation infrastructure, and continued expansion of the leachate and gas collection system. The Sanitary Landfill continues to actively install new and rehabilitate existing perimeter fencing around the landfill as well as purchase property around the landfill to create a buffer around the facility.

The Sustainability Program under the Sanitary Landfill Division has seen increased usage and expanded duties and as a result, the Household Hazardous Waste Facility is planned for expansion and updates as well.

10/07/09 CAPITAL IMPROVEMENT PROGRAM 2010 - 2014

CITY PROJECT NUMBER: 002066

DEPARTMENT: 66- SANITARY LANDFILL
 DEPARTMENT PROJECT PRIORITY: 1

PROJECT DESCRIPTION:

LANDFILL EXPANSION: CELL 3, DESIGN & CONSTRUCT (11-13)

TOTAL 5 YEAR PROJECT COST: \$8,755,000

PROJECT TITLE: LANDFILL EXPANSION

PROJECT JUSTIFICATION AND RELATIONSHIP TO OTHER PROJECTS:

This project is for continued future Sanitary Landfill expansion and is necessary in order for the landfill to continue to operate and accept solid waste.

CONFORM TO COMPREHENSIVE PLAN: In Conformance with the Plan

STATUS OF PLANS: Preliminary Plans in Preparation/Completed

CONFORMANCE TO AMERICAN DISABILITIES ACT: Y

PROJECT CATEGORY: New Building/Land and Improvem

ESTIMATED IMPACT ON THE ANNUAL OPERATING BUDGET:

\$67,000 PER YEAR

 PROGRAMMED EXPENDITURES:

YEAR:	2010	2011	2012	2013	2014
UF USER FEES A ENGINEERING 666-6601-480.35-21		45,000	200,000	200,000	
UF USER FEES J CONSTRUCTION 666-6601-480.33-01			5,110,000	3,200,000	

City of Sioux Falls
2010-2014 Capital Program

10/07/09 CAPITAL IMPROVEMENT PROGRAM 2010 - 2014

CITY PROJECT NUMBER: 040066

DEPARTMENT: 66- SANITARY LANDFILL
DEPARTMENT PROJECT PRIORITY: 2

PROJECT DESCRIPTION:

SEDIMENTATION POND/WETLANDS - FOR STORM WATER MANAGEMENT & WETLAND MITIGATION AT VARIOUS LOCATIONS, DESIGN & CONSTRUCT (11-12)

TOTAL 5 YEAR PROJECT COST: \$225,000

PROJECT TITLE: SEDIMENTATION POND AND WETLANDS

PROJECT JUSTIFICATION AND RELATIONSHIP TO OTHER PROJECTS:

The sedimentation pond will be necessary to address additional storm water issues which will be created with closure of the Pre-Subtitle D Area of the landfill. Additional wetlands need to be constructed to replace wetlands impacted by future development.

CONFORM TO COMPREHENSIVE PLAN: In Conformance with the Plan

STATUS OF PLANS: Nothing Done Except This Report

CONFORMANCE TO AMERICAN DISABILITIES ACT: Y

PROJECT CATEGORY: Collection

ESTIMATED IMPACT ON THE ANNUAL OPERATING BUDGET:

\$2,000 PER YEAR

PROGRAMMED EXPENDITURES:

YEAR:	2010	2011	2012	2013	2014
UF USER FEES A ENGINEERING 666-6601-480.35-21		25,000	25,000		
UF USER FEES J CONSTRUCTION 666-6601-480.33-01		50,000	125,000		

City of Sioux Falls
 2010-2014 Capital Program

10/07/09 CAPITAL IMPROVEMENT PROGRAM 2010 - 2014

CITY PROJECT NUMBER: 044066

DEPARTMENT: 66- SANITARY LANDFILL
 DEPARTMENT PROJECT PRIORITY: 3

PROJECT DESCRIPTION:

LEACHATE HOLDING AND TREATMENT POND #3, DESIGN (12), CONSTRUCT (13)

TOTAL 5 YEAR PROJECT COST: \$1,008,000

PROJECT TITLE: LEACHATE PONDS

PROJECT JUSTIFICATION AND RELATIONSHIP TO OTHER PROJECTS:

There will be a significant increase in the amount of leachate generated from the landfill with the addition of 80 additional extraction wells in the East area and the construction the expansion area. Additional leachate pond capacity will be required.

CONFORM TO COMPREHENSIVE PLAN: Generally Conforms with the Plan

STATUS OF PLANS: Plans Not Needed

CONFORMANCE TO AMERICAN DISABILITIES ACT: Y

PROJECT CATEGORY: Collection

ESTIMATED IMPACT ON THE ANNUAL OPERATING BUDGET:

\$5,000 PER YEAR

 PROGRAMMED EXPENDITURES:

YEAR:	2010	2011	2012	2013	2014
UF USER FEES			113,000	45,000	
A ENGINEERING					
666-6601-480.35-21					
UF USER FEES				850,000	
J CONSTRUCTION					
666-6601-480.33-01					

City of Sioux Falls
 2010-2014 Capital Program

10/07/09 CAPITAL IMPROVEMENT PROGRAM 2010 - 2014

CITY PROJECT NUMBER: 040166

DEPARTMENT: 66- SANITARY LANDFILL
 DEPARTMENT PROJECT PRIORITY: 4

PROJECT DESCRIPTION:

LEACHATE RECIRCULATION INFRASTRUCTURE FOR POST-SUBTITLE D AREA; LEACHATE
 RECIRCULATION INFRASTRUCTURE AND LATERIALS, CELLS 1, 2, AND 3,
 DESIGN & CONSTRUCT (10-14)

TOTAL 5 YEAR PROJECT COST: \$984,500

PROJECT TITLE: LEACHATE RECIRCULATION INFRASTRUCTURE FOR POST-SUBTITLE D

PROJECT JUSTIFICATION AND RELATIONSHIP TO OTHER PROJECTS:

Leachate recirculation will increase the life of the Landfill by increasing
 settlement. This will also reduce costs of leachate disposal and will
 increase the potential for landfill gas generation.

CONFORM TO COMPREHENSIVE PLAN: In Conformance with the Plan

STATUS OF PLANS: Nothing Done Except This Report

CONFORMANCE TO AMERICAN DISABILITIES ACT: Y

PROJECT CATEGORY: Collection

ESTIMATED IMPACT ON THE ANNUAL OPERATING BUDGET:
 \$25,000 PER YEAR

 PROGRAMMED EXPENDITURES:

YEAR:	2010	2011	2012	2013	2014
UF USER FEES A ENGINEERING 666-6601-480.35-21	10,500	11,500	58,000	12,000	12,500
UF USER FEES J CONSTRUCTION 666-6601-480.33-01	125,000	130,000	135,000	340,000	150,000

City of Sioux Falls
 2010-2014 Capital Program

10/07/09 CAPITAL IMPROVEMENT PROGRAM 2010 - 2014

CITY PROJECT NUMBER: 045066

DEPARTMENT: 66- SANITARY LANDFILL
 DEPARTMENT PROJECT PRIORITY: 5

PROJECT DESCRIPTION:

INSTALLATION OF GAS COLLECTION SYSTEM PIPING, DESIGN & CONSTRUCT (10-14):
 UF=RESTRICTED CASH

TOTAL 5 YEAR PROJECT COST: \$602,000

PROJECT TITLE: LANDFILL GAS SYSTEM - POST SUBTITLE D AREA

PROJECT JUSTIFICATION AND RELATIONSHIP TO OTHER PROJECTS:

Necessary to capture landfill gas and tie into existing gas collection system to prevent odors, put more gas into the pipeline, and comply with permit requirements.

CONFORM TO COMPREHENSIVE PLAN: In Conformance with the Plan

STATUS OF PLANS: Nothing Done Except This Report

CONFORMANCE TO AMERICAN DISABILITIES ACT: Y

PROJECT CATEGORY: Collection

ESTIMATED IMPACT ON THE ANNUAL OPERATING BUDGET:

\$15,000 PER YEAR

 PROGRAMMED EXPENDITURES:

YEAR:	2010	2011	2012	2013	2014
UF USER FEES A ENGINEERING 666-6601-480.35-21	10,500	11,000	11,500	71,000	12,000
UF USER FEES J CONSTRUCTION 666-6601-480.33-01	100,000	105,000	109,000	55,000	117,000

City of Sioux Falls
 2010-2014 Capital Program

10/07/09 CAPITAL IMPROVEMENT PROGRAM 2010 - 2014

CITY PROJECT NUMBER: 034066

DEPARTMENT: 66- SANITARY LANDFILL
 DEPARTMENT PROJECT PRIORITY: 6

PROJECT DESCRIPTION:

LANDFILL CLOSURE PRE-SUBTITLE D AREA: PHASE D, CLOSURE AREA,
 CONSTRUCT (10); UF=RESTRICTED CASH

TOTAL 5 YEAR PROJECT COST: \$925,000

PROJECT TITLE: LANDFILL CLOSURE PRE-SUBTITLE D AREA

PROJECT JUSTIFICATION AND RELATIONSHIP TO OTHER PROJECTS:

Final closure is required to be completed 180 days after final elevations are reached. A revised Closure/Post-Closure Plan was completed in 2004 to address landfill closure issues. The City has received an amended solid waste permit.

CONFORM TO COMPREHENSIVE PLAN: In Conformance with the Plan

STATUS OF PLANS: Nothing Done Except This Report

CONFORMANCE TO AMERICAN DISABILITIES ACT: Y

PROJECT CATEGORY: Collection

ESTIMATED IMPACT ON THE ANNUAL OPERATING BUDGET:

\$9,000 PER YEAR

 PROGRAMMED EXPENDITURES:

YEAR:	2010	2011	2012	2013	2014
UF USER FEES	125,000				
A ENGINEERING					
666-6601-480.39-01					
UF USER FEES	800,000				
J CONSTRUCTION					
666-6601-480.39-01					

City of Sioux Falls
 2010-2014 Capital Program

10/07/09 CAPITAL IMPROVEMENT PROGRAM 2010 - 2014

CITY PROJECT NUMBER: 035066

DEPARTMENT: 66- SANITARY LANDFILL
 DEPARTMENT PROJECT PRIORITY: 7

PROJECT DESCRIPTION:

PRE-SUBTITLE D AREA LANDFILL LEACHATE/ GAS EXTRACTION SYSTEM - PHASE D AREA:
 CONSTRUCT (10) UF=RESTRICTED CASH

TOTAL 5 YEAR PROJECT COST: \$1,550,000

PROJECT TITLE: PRE-SUBTITLE D AREA LANDFILL LEACHATE/GAS EXTRACTION SYSTEM

PROJECT JUSTIFICATION AND RELATIONSHIP TO OTHER PROJECTS:

The SD DENR is requesting that the City remove the leachate from the Pre-Subtitle Area of the Sanitary Landfill. The Leachate and Gas System are being coordinated as one project to address two concerns with the same system.

CONFORM TO COMPREHENSIVE PLAN: Generally Conforms with the Plan

STATUS OF PLANS: Plans Not Needed

CONFORMANCE TO AMERICAN DISABILITIES ACT: Y

PROJECT CATEGORY: Collection

ESTIMATED IMPACT ON THE ANNUAL OPERATING BUDGET:
 \$70,000 PER YEAR

 PROGRAMMED EXPENDITURES:

YEAR:	2010	2011	2012	2013	2014
UF USER FEES	150,000				
A ENGINEERING					
666-6601-480.35-21					
UF USER FEES	1,400,000				
J CONSTRUCTION					
666-6601-480.33-01					

City of Sioux Falls
 2010-2014 Capital Program

10/07/09 CAPITAL IMPROVEMENT PROGRAM 2010 - 2014

CITY PROJECT NUMBER: 047066

DEPARTMENT: 66- SANITARY LANDFILL
 DEPARTMENT PROJECT PRIORITY: 8

PROJECT DESCRIPTION:

EQUIPMENT/MAINTENANCE BUILDING, DESIGN (13), CONSTRUCT (14)

TOTAL 5 YEAR PROJECT COST: \$2,360,000

PROJECT TITLE: EQUIPMENT & MAINTENANCE BUILDING

PROJECT JUSTIFICATION AND RELATIONSHIP TO OTHER PROJECTS:

This building will allow machinery to be stored indoors, which will increase the longevity. It will also provide an improved area for maintenance and provide for additional cold storage. Green technology renovations will target energy, water, and waste reduction.

CONFORM TO COMPREHENSIVE PLAN: In Conformance with the Plan

STATUS OF PLANS: Nothing Done Except This Report

CONFORMANCE TO AMERICAN DISABILITIES ACT: Y

PROJECT CATEGORY: New Building/Land and Improvem

ESTIMATED IMPACT ON THE ANNUAL OPERATING BUDGET:

\$9,000 PER YEAR

 PROGRAMMED EXPENDITURES:

YEAR:	2010	2011	2012	2013	2014
UF USER FEES				180,000	180,000
A ENGINEERING					
666-6601-480.35-21					
UF USER FEES					2,000,000
J CONSTRUCTION					
666-6601-480.32-01					

City of Sioux Falls
 2010-2014 Capital Program

10/07/09 CAPITAL IMPROVEMENT PROGRAM 2010 - 2014

CITY PROJECT NUMBER: 048066

DEPARTMENT: 66- SANITARY LANDFILL
 DEPARTMENT PROJECT PRIORITY: 9

PROJECT DESCRIPTION:

LANDFILL CLOSURE CELL #1 & #2, DESIGN (13), CONSTRUCT (14); UF=RESTRICTED CASH

TOTAL 5 YEAR PROJECT COST: \$1,038,000

PROJECT TITLE: LANDFILL CLOSURE CELL #1 & #2

PROJECT JUSTIFICATION AND RELATIONSHIP TO OTHER PROJECTS:

Final closure is required to be completed 180 days after final elevations are reached by the solid waste permit.

CONFORM TO COMPREHENSIVE PLAN: In Conformance with the Plan

STATUS OF PLANS: Nothing Done Except This Report

CONFORMANCE TO AMERICAN DISABILITIES ACT: Y

PROJECT CATEGORY: Collection

ESTIMATED IMPACT ON THE ANNUAL OPERATING BUDGET:

\$9,000 PER YEAR

 PROGRAMMED EXPENDITURES:

YEAR:	2010	2011	2012	2013	2014
UF USER FEES				47,000	47,000
A ENGINEERING					
666-6601-480.39-01					
UF USER FEES					944,000
J CONSTRUCTION					
666-6601-480.39-01					

City of Sioux Falls
 2010-2014 Capital Program

10/07/09 CAPITAL IMPROVEMENT PROGRAM 2010 - 2014

CITY PROJECT NUMBER: 049066

DEPARTMENT: 66- SANITARY LANDFILL
 DEPARTMENT PROJECT PRIORITY: 10

PROJECT DESCRIPTION:

EXPANSION OF THE HOUSEHOLD HAZARDOUS WASTE FACILITY, DESIGN (10), CONSTRUCT (11)

TOTAL 5 YEAR PROJECT COST: \$590,000

PROJECT TITLE: HOUSEHOLD HAZARDOUS WASTE FACILITY EXPANSION

PROJECT JUSTIFICATION AND RELATIONSHIP TO OTHER PROJECTS:

The city is currently applying for a permit for commercial exempt small quantity generators. The expansion will allow for additional storage, collection, and transfer of materials. Also, additional latex paint storage capacity is needed.

CONFORM TO COMPREHENSIVE PLAN: In Conformance with the Plan

STATUS OF PLANS: Nothing Done Except This Report

CONFORMANCE TO AMERICAN DISABILITIES ACT: Y

PROJECT CATEGORY: New Building/Land and Improvem

ESTIMATED IMPACT ON THE ANNUAL OPERATING BUDGET:

\$5,000 PER YEAR

 PROGRAMMED EXPENDITURES:

YEAR:	2010	2011	2012	2013	2014
UF USER FEES A ENGINEERING 666-6601-480.35-21	45,000	45,000			
UF USER FEES J CONSTRUCTION 666-6601-480.32-01		500,000			

City of Sioux Falls
 2010-2014 Capital Program

10/07/09 CAPITAL IMPROVEMENT PROGRAM 2010 - 2014

CITY PROJECT NUMBER: 050066

DEPARTMENT: 66- SANITARY LANDFILL
 DEPARTMENT PROJECT PRIORITY: 11

PROJECT DESCRIPTION:

CONSTRUCT LANDFILL CLOSURE C & D AREAS, DESIGN (14); UF = RESTRICTED CASH

TOTAL 5 YEAR PROJECT COST: \$155,000

PROJECT TITLE: LANDFILL CLOSURE C AND D AREAS

PROJECT JUSTIFICATION AND RELATIONSHIP TO OTHER PROJECTS:

Final cover construction will be needed as areas of the C & D disposal site becomes full. This will require the installation of a clay and topsoil cover at a minimum. The installation of erosion control items such as let down structures will also be needed.

CONFORM TO COMPREHENSIVE PLAN: In Conformance with the Plan

STATUS OF PLANS: Nothing Done Except This Report

CONFORMANCE TO AMERICAN DISABILITIES ACT: Y

PROJECT CATEGORY: New Building/Land and Improvem

ESTIMATED IMPACT ON THE ANNUAL OPERATING BUDGET:

\$5,000 PER YEAR

 PROGRAMMED EXPENDITURES:

YEAR:	2010	2011	2012	2013	2014
UF USER FEES					155,000
A ENGINEERING					
666-6601-480.39-01					

City of Sioux Falls
 2010-2014 Capital Program

10/07/09 CAPITAL IMPROVEMENT PROGRAM 2010 - 2014

CITY PROJECT NUMBER: 002366

DEPARTMENT: 66- SANITARY LANDFILL
 DEPARTMENT PROJECT PRIORITY: 12

PROJECT DESCRIPTION:
 PURCHASE OF LAND ADJACENT TO THE LANDFILL

TOTAL 5 YEAR PROJECT COST: \$570,000

PROJECT TITLE: LAND ACQUISITION

PROJECT JUSTIFICATION AND RELATIONSHIP TO OTHER PROJECTS:
 This will be for additional buffer land, future development of the landfill,
 and relocation of the Wall Lake Drainage Way.

CONFORM TO COMPREHENSIVE PLAN: In Conformance with the Plan
 STATUS OF PLANS: Plans Not Needed
 CONFORMANCE TO AMERICAN DISABILITIES ACT: Y
 PROJECT CATEGORY: Collection
 ESTIMATED IMPACT ON THE ANNUAL OPERATING BUDGET:
 \$700 PER YEAR

PROGRAMMED EXPENDITURES:	2010	2011	2012	2013	2014
UF USER FEES	100,000	100,000	100,000	130,000	140,000
L ROW/OPPORTUNE ACQUISITION					
666-6601-480.31-01					

City of Sioux Falls
 2010-2014 Capital Program

10/07/09 CAPITAL IMPROVEMENT PROGRAM 2010 - 2014

CITY PROJECT NUMBER: 046066

DEPARTMENT: 66- SANITARY LANDFILL
 DEPARTMENT PROJECT PRIORITY: 13

PROJECT DESCRIPTION:

INSTALL PERIMETER FENCING CONTROL: GATE AND FENCING AT PROPERTY BOUNDARIES,
 SECURITY CAMERAS, AND TREES, DESIGN & CONSTRUCT (11,13)

TOTAL 5 YEAR PROJECT COST: \$110,000

PROJECT TITLE: SANITARY LANDFILL PERIMETER CONTROL

PROJECT JUSTIFICATION AND RELATIONSHIP TO OTHER PROJECTS:

This project will install new and rehabilitate existing perimeter fencing to allow for a more secure area and allow only authorized personnel onto the site. Also, this project will allow the continued installation of a tree buffer.

CONFORM TO COMPREHENSIVE PLAN: In Conformance with the Plan

STATUS OF PLANS: Nothing Done Except This Report

CONFORMANCE TO AMERICAN DISABILITIES ACT: Y

PROJECT CATEGORY: New Building/Land and Improvem

ESTIMATED IMPACT ON THE ANNUAL OPERATING BUDGET:

\$700 PER YEAR

 PROGRAMMED EXPENDITURES:

YEAR:	2010	2011	2012	2013	2014
UF USER FEES A ENGINEERING 666-6601-480.35-21		5,000		5,000	
UF USER FEES J CONSTRUCTION 666-6601-480.33-01		50,000		50,000	

City of Sioux Falls
 2010-2014 Capital Program

10/07/09 CAPITAL IMPROVEMENT PROGRAM 2010 - 2014

CITY PROJECT NUMBER: 051066

DEPARTMENT: 66- SANITARY LANDFILL
 DEPARTMENT PROJECT PRIORITY: 14

PROJECT DESCRIPTION:

EXPANSION OF ENTRANCE/SCALE AREA TO ALLOW FOR INCREASED VOLUME OF WASTE;
 DESIGN (13), CONSTRUCT (14)

TOTAL 5 YEAR PROJECT COST: \$1,060,000

PROJECT TITLE: SCALE EXPANSION/ENTRANCE EXPANSION

PROJECT JUSTIFICATION AND RELATIONSHIP TO OTHER PROJECTS:

Stormwater management plan will need to be reviewed during the planning phases.

CONFORM TO COMPREHENSIVE PLAN: In Conformance with the Plan

STATUS OF PLANS: Nothing Done Except This Report

CONFORMANCE TO AMERICAN DISABILITIES ACT: Y

PROJECT CATEGORY: New Building/Land and Improvem

ESTIMATED IMPACT ON THE ANNUAL OPERATING BUDGET:

\$5,000 PER YEAR

 PROGRAMMED EXPENDITURES:

YEAR:	2010	2011	2012	2013	2014
UF USER FEES				160,000	
A ENGINEERING					
666-6601-480.35-21					
UF USER FEES					900,000
J CONSTRUCTION					
666-6601-480.32-01					

City of Sioux Falls
 2010-2014 Capital Program

10/07/09 CAPITAL IMPROVEMENT PROGRAM 2010 - 2014

CITY PROJECT NUMBER: 052066

DEPARTMENT: 66- SANITARY LANDFILL
 DEPARTMENT PROJECT PRIORITY: 15

PROJECT DESCRIPTION:

EXPANSION OF LANDFILL GAS CONDITIONING TO ALLOW FOR INCREASES IN GENERATION AND RECOVERY; DESIGN (12), CONSTRUCT (13)

TOTAL 5 YEAR PROJECT COST: \$1,500,000

PROJECT TITLE: LANDFILL GAS CONDITIONING SYSTEM EXPANSION

PROJECT JUSTIFICATION AND RELATIONSHIP TO OTHER PROJECTS:

Additional landfill gas conditioning will be required to keep up with projected increases in generation and recovery of the gas. The City will generate more revenue from the expected increase of sales of the gas and potentially additional carbon credits.

CONFORM TO COMPREHENSIVE PLAN: In Conformance with the Plan

STATUS OF PLANS: Nothing Done Except This Report

CONFORMANCE TO AMERICAN DISABILITIES ACT: Y

PROJECT CATEGORY: Collection

ESTIMATED IMPACT ON THE ANNUAL OPERATING BUDGET:

\$30,000 PER YEAR

 PROGRAMMED EXPENDITURES:

YEAR:	2010	2011	2012	2013	2014
UF USER FEES A ENGINEERING 666-6601-480.35-21			100,000	100,000	
UF USER FEES J CONSTRUCTION 666-6601-480.33-01				1,300,000	

City of Sioux Falls
 2010-2014 Capital Program

10/07/09 CAPITAL IMPROVEMENT PROGRAM 2010 - 2014

CITY PROJECT NUMBER: 053066

DEPARTMENT: 66- SANITARY LANDFILL
 DEPARTMENT PROJECT PRIORITY: 16

PROJECT DESCRIPTION:

EXPANSION OF THE COMPOST FACILITY; DRAINAGE IMPROVEMENTS COVERING OR
 ENCLOSING PORTIONS OF THE AREA AND ADDING ODOR CONTROL; DESIGN (14)

TOTAL 5 YEAR PROJECT COST: \$200,000

PROJECT TITLE: COMPOSTING FACILITIES EXPANSION AND IMPROVEMENTS

PROJECT JUSTIFICATION AND RELATIONSHIP TO OTHER PROJECTS:

The expansion will improve drainage runoff, odor control and may allow
 recycling and reuse of materials that otherwise may be buried.

CONFORM TO COMPREHENSIVE PLAN: In Conformance with the Plan

STATUS OF PLANS: Nothing Done Except This Report

CONFORMANCE TO AMERICAN DISABILITIES ACT: Y

PROJECT CATEGORY: New Building/Land and Improvem

ESTIMATED IMPACT ON THE ANNUAL OPERATING BUDGET:

\$10,000 PER YEAR

 PROGRAMMED EXPENDITURES:

YEAR:	2010	2011	2012	2013	2014
UF USER FEES					200,000
A ENGINEERING					
666-6601-480.35-21					

City of Sioux Falls
 2010-2014 Capital Program

10/07/09 CAPITAL IMPROVEMENT PROGRAM 2010 - 2014

CITY PROJECT NUMBER: 054066

DEPARTMENT: 66- SANITARY LANDFILL
 DEPARTMENT PROJECT PRIORITY: 17

PROJECT DESCRIPTION:

CONSTRUCTION OF AN ALTERNATIVE ENERGY SYSTEM; DESIGN (14)

TOTAL 5 YEAR PROJECT COST: \$200,000

PROJECT TITLE: ALTERNATIVE ENERGY SYSTEM

PROJECT JUSTIFICATION AND RELATIONSHIP TO OTHER PROJECTS:

The installation of an alternative energy system would offset energy cost for the landfill gas recovery system and reduce the Landfill's carbon footprint.

CONFORM TO COMPREHENSIVE PLAN: In Conformance with the Plan

STATUS OF PLANS: Nothing Done Except This Report

CONFORMANCE TO AMERICAN DISABILITIES ACT: Y

PROJECT CATEGORY: Collection

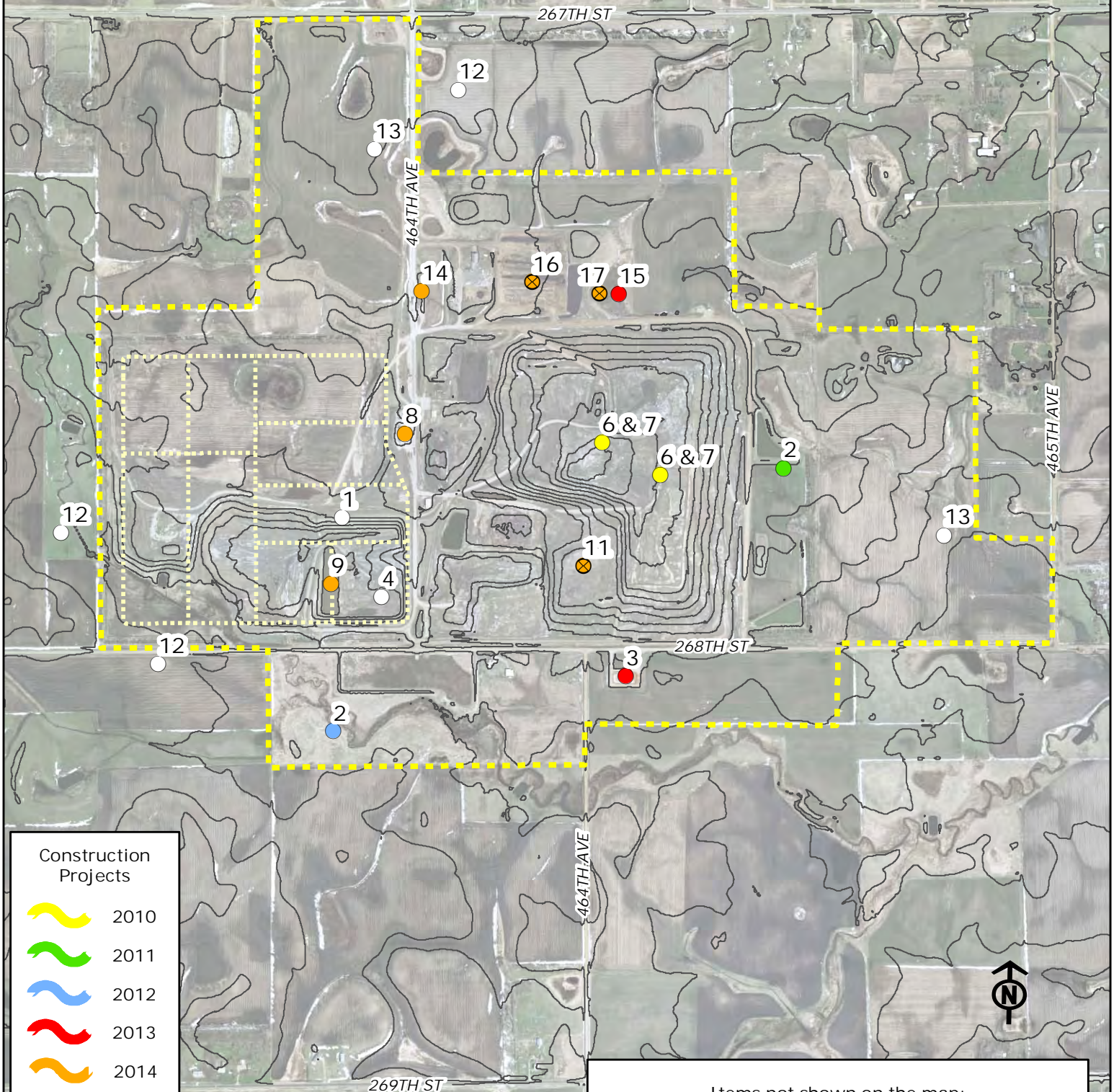
ESTIMATED IMPACT ON THE ANNUAL OPERATING BUDGET:

\$40,000 PER YEAR

 PROGRAMMED EXPENDITURES:

YEAR:	2010	2011	2012	2013	2014
UF USER FEES					200,000
A ENGINEERING					
666-6601-480.35-21					

SANITARY LANDFILL 2010-2014



Construction Projects

-  2010
-  2011
-  2012
-  2013
-  2014

White points are multiple years

"X" points are Design phase only

Items not shown on the map:

- 5 - Landfill Gas Collection system - Various Areas
- 10 - Expansion of Household Hazardous Waste Facility

OCEP Detail by Department

Sanitary Landfill

Asset #	Vehicle #	Description	2010	2011	2012	2013	2014	
2106090	660202	Air Compressor	\$ -	\$ 11,000	\$ -	\$ -	\$ -	666-6601-480-3401
3008076		Controller	-	-	-	14,515	-	666-6601-480-3401
2651	New Item	Dustcontrol Equipment	-	30,000	-	-	-	666-6601-480-3401
2650	New Item	Electric Utility Vehicle	12,000	-	-	-	-	666-6601-480-3401
2649	New Item	Message Sign	17,000	-	-	-	-	666-6601-480-3401
2445		Mobile Outdoor Vac	130,000	-	-	-	-	666-6601-480-3401
3008641		Mower 10' Pull Behind	-	-	-	7,500	-	666-6601-480-3401
3008077		Reader Transcor Smartpass	-	-	-	9,348	-	666-6601-480-3401
2687		Security System	15,000	-	-	-	-	666-6602-480-3401
3011874		Wireless Ethernet Connection	-	11,000	-	-	-	666-6601-480-3401
Sanitary Landfill Total			\$ 174,000	\$ 52,000	\$ -	\$ 31,363	\$ -	