North 48th Street Solid Waste Facility

End Use Plan

May 5, 2015

CITY OF LINCOLN NEBRASKA

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EXECUTIVE **SUMMARY**

The North 48th Street Solid Waste Facility End Use Planning process was authorized under EO 087023 in March 2014. A steering committee was established to oversee the planning process. Members of the Steering Committee include City of Lincoln representatives from Health, Planning, Parks and Recreation, Law, Public Works and Utilities, and Lower Platte South Natural Resource District.

First planning steps included gathering Steering Committee input and establishing goals for the planning process. A databook of existing site information, land use, natural resources and solid waste operations was published in July 2014. Development of the databook was followed by public participation events and the presentation of conceptual plans.

Public participation and input have been integral to the planning process. The public was invited to a community workshop in August 2014 to discuss options to reuse portions of the North 48th Street Solid Waste Facility. Prior to the development of conceptual site plans, targeted end user groups were contacted for specific feedback regarding their group's recreational needs in relation to the North 48th Street Site. A community meeting presenting conceptual site plans was held in February 2015. The workshop and meeting followed all public notification and accommodation requirements. Participants expressed a desire for multi-purpose and multi-modal end uses that support programming of the Site during all seasons. Participants also expressed an understanding that end uses and improvements would be phased and require private funding.

Public and targeted engagement produced very meaningful input into the Plan. Preliminary and likely end uses include a compatible blend of cycling, trap and skeet club operations, natural area preservation and mentored youth hunts – all to be planned in consideration of existing and foreseeable solid waste operations. The Plan includes opportunities for both active and passive recreational activities. Trails and open areas are expected to be supported by mininmal infrastructure requirements. These may include shelters and parking, but will be dependent on funding.

Following plan approval, the City will engage with interested parties in the development of operations plans and End Use Agreements.

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01

PLAN **PARTICIPANTS**

Steering Committee

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Karla Welding, City of Lincoln, Public Works and Utilities Department

Terry Genrich, City of Lincoln, Parks and Recreation Department

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Ralph Martin, Lincoln Lancaster County Health Department

Paul Zillig, Lower Platte South Natural Resources District

Planning Team

SCS Aquaterra

Vireo

02

INTRODUCTION

PLAN BACKGROUND

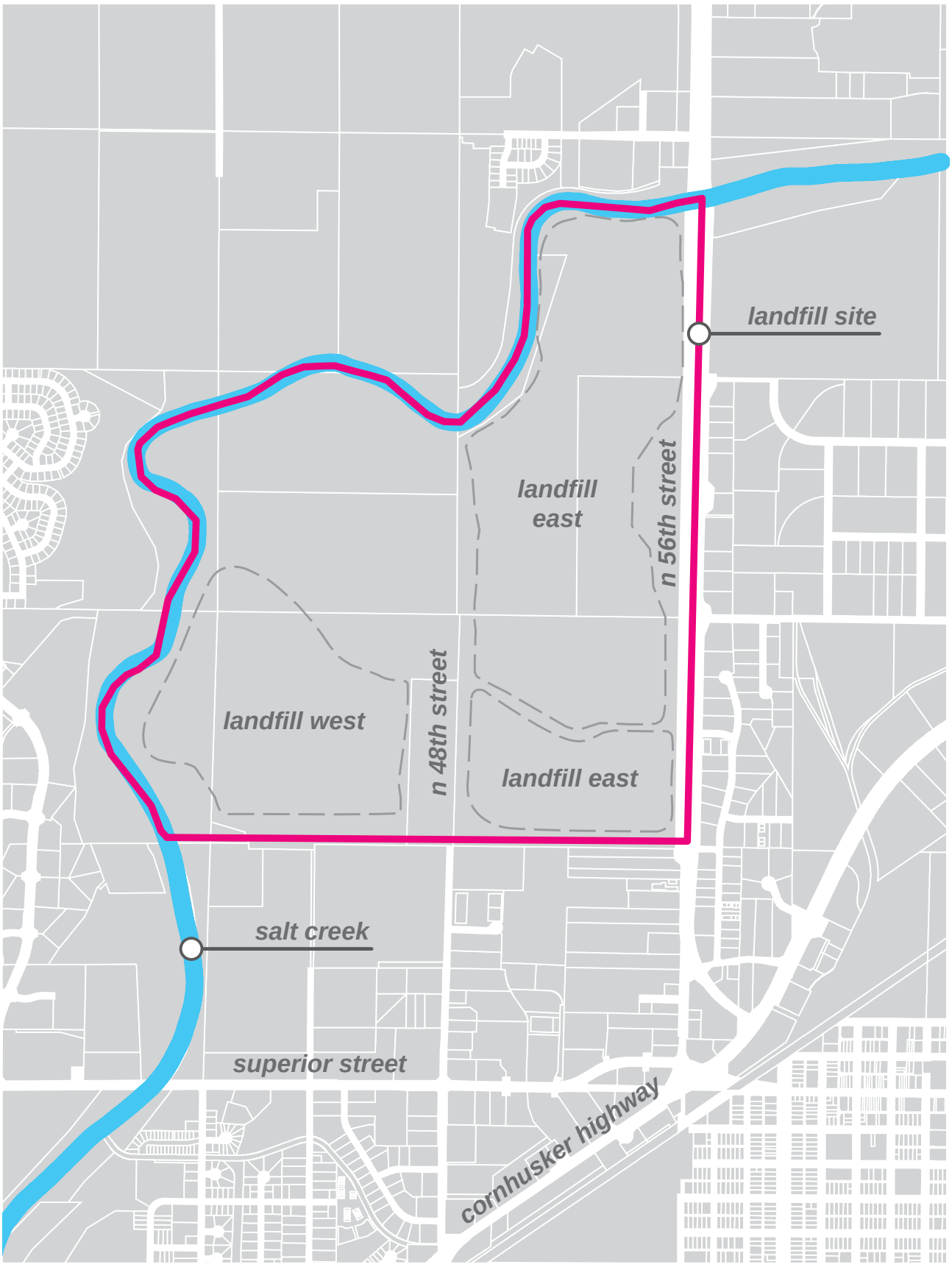
Planning for the North 48th Street Solid Waste Facility was the result of the City of Lincoln's desire for a strategic end use plan for the 570 acre site, inclusive of the former municipal waste disposal areas, the existing construction and demolition debris facilities and the natural areas of the site.

Existing City of Lincoln and Lancaster County parks and recreation plans, solid waste planning and land use planning indicate that end uses that allow the North 48th Street Landfill to remain largely an open space with mixed recreational or other public use areas are most suitable for the site. The planning process was designed to determine uses that best serve the community's interests but that also allow for the continued ongoing operations in support of community waste disposal and recycling needs.

PLAN GOALS AND OBJECTIVES

The North 48th Street Solid Waste Facility End Use Plan (the Plan) recommends strategies to help realize the community's vision for the future and provide a proactive, comprehensive framework to guide decisions on recreational uses, infrastructure and public services at the North 48th Street Solid Waste Facility The following goals and objectives shaped the Plan:

- *The Plan will assure continued maintenance of the constructed landfill features, continued regulatory compliance for the prior landfill areas and be protective of human health.*
- *The Plan will establish safe access to public use areas while maintaining efficient and safe access for City personnel and residents to the ongoing solid waste operations.*
- *The Plan will provide well thought out, public inviting, and community engaging spaces that complement City-wide needs and initiatives and account for surrounding land uses.*
- *The Plan will consider and highlight the natural resources available to the site.*
- *The Plan will establish the framework to identify necessary capital improvements and funding commitments required to prepare the site for public use as a City Parks and Recreation facility.*


landfill site
landfill
east
n 56th street
landfill west
n 48th street
landfill east
salt creek
superior street
cornhusker highway

Site Map

PLAN CONTEXT

The North 48th Street Solid Waste End Use Plan guides the planning, public and private investment and future development of the North 48th Street site by providing a vision and expectations for future development with strategies for implementing the plan. This is accomplished by providing a preferred layout plan and specifying the necessary infrastructure to support the anticipated uses. The Plan considers existing infrastructure, existing parks and recreation land use and potential private funding sources. The Plan takes into account long-range planning efforts including:

- *Lincoln 2040 Long Range Transportation Plan*
- *Lincoln-Lancaster County Comprehensive Plan- LPlan 2040*
- *Salt Valley Greenway Plan*

PLAN IMPLEMENTATION

The Plan is structured to provide direction and a framework for future recreational use development on the site, but flexible enough to allow the City to respond to future conditions, private funding and community interest. The Plan has been designed to accommodate and attract a range of recreational uses while meeting the needs of the existing and planned solid waste facility operations. The Plan also identifies the necessary infrastructure, controls, potential phasing strategies and possible funding sources.

03

EXISTING **CONDITIONS**

INTRODUCTION

The planning process included a detailed study of existing conditions, including those items which may influence planning decisions. The planning team gathered and reviewed existing planning documents, landfill permits and on-going obligations, demographics, infrastructure, natural resource references, physical site conditions and context information. The existing background information provides the foundation for planning decisions and alternatives. The information presented here is a summary of the data collected and evaluated. For additional information, please refer to the North 48th Street Landfill End Use Plan Data Book (July 14, 2014). The Data Book can be accessed at http://lincoln.ne.gov/city/pworks/waste/sldwaste/landfill/pdf/n48th-landfill-databook.pdf.

LOCATION

The City of Lincoln and Lancaster County lie primarily within the Platte River Watershed. The North 48th Street Site is situated at the northern boundary of Lincoln's incorporated city limits. The site is located at 5101 North 48th Street. The Site has historically operated as a municipal landfill and currently operates as a construction and demolition debris (C&D) landfill, transfer station, and various other waste recycling and processing operations. The planning area encompasses approximately 570 acres and includes existing landfill facilities and natural features.

INFRASTRUCTURE

The Site has two existing points of access. The first and primary access point is situated at the southern portion of the Site, using North 48th Street. Alternatively, the Site can be accessed from North 56th Street at Fletcher Avenue. Currently the south entry is the main public access point, which is used to access the weigh station and other facilities at the landfill. The entry at Fletcher Avenue is used by heavy vehicles dropping off construction and demolition debris. The Site is accessible Monday -Friday 6:45 am – 6:00 pm, Saturday, 6:35 am – 3:00 pm, and Sunday, 6:45 am – 12:00 pm.

Major roads located on and adjacent to the Site include:

- Cornhusker Highway or Highway 6, is located south and east of the site.
- The main access road to the site, North 48th Street, is classified as an urban collector and minor arterial in the site vicinity. North 48th Street runs north/south through the City.
- North 56th Street, along the eastern boundary of the Site, intersects with Cornhusker Highway to the south and has a direct connection to Interstate 80 to the north. North 56th Street is classified as a principal arterial in the site vicinity.
- Interstate 80 is located approximately one mile to the north.

future land use

- *agricultural stream corridor*
- *commercial*
- *industrial*
- *public/semi-public*
- *residential*
- *environmental resources/ green space*

existing land use

- *agricultural production*
- *residential*
- *churches/synagogues/ temples*
- *commercial*
- *public/semi-public*
- *heavy industrial*
- *light industrial*
- *parking lot*
- *railroad/vacant/vacated row*
- *streams/creeks*
- *environmental preserves/ open space/park land/ grassland/forestland*

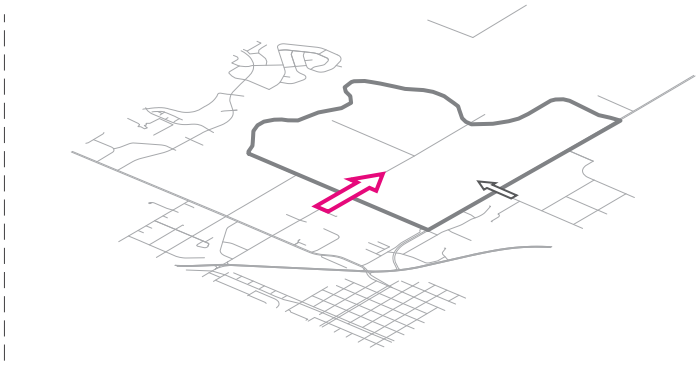
zoning

- *agriculture district*
- *business district*
- *commercial district*
- *industrial district*
- *employment center district*
- *office park district*
- *public use district*
- *residential district*

vacant land

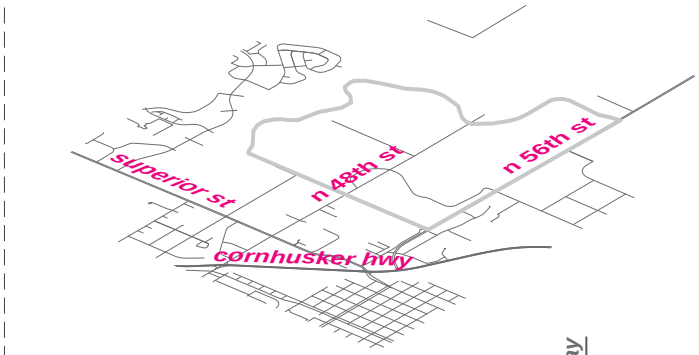
parks, open space & preserves

Land Use

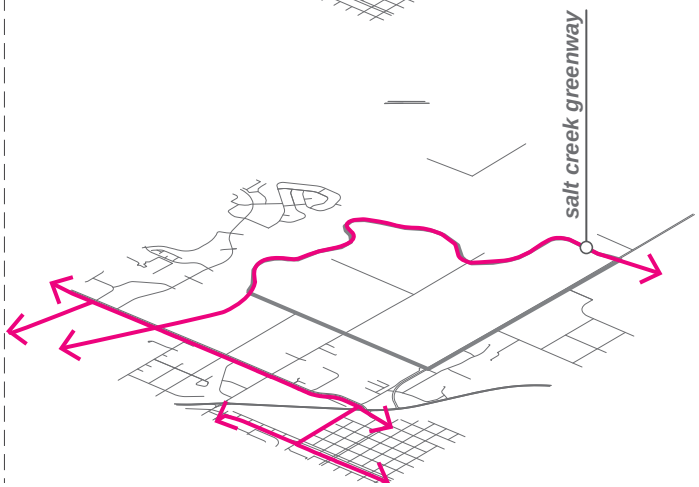


site access

- *primary vehicular access point*
- *secondary vehicular access point*



streets



existing & planned trails

Transportation

PARKS AND RECREATION

The City of Lincoln has more than 6,000 acres of parks and natural land and more than 128 miles of trails. The recreational goal of the community is to have a park area within one-half mile walking distance of each residence. A variety of existing parks, preserves, and open space are located adjacent and surrounding the Site.

- Steven Schleich Park
- Whitehead Saline Wetland and Schleich Wetland, managed by the Lower Platte South Natural Resources District (LPSNRD)
- Doris Bair Softball Complex
- Boosalis Park
- Lincoln Shooting Sports Foundation
- The Lincoln Trap & Skeet Club
- Marsh Wren Wetland, being renovated and managed by LPSNRD

The Site is adjacent to multiple, existing and planned trail routes.

NATURAL RESOURCES

Salt Creek forms the western and northern boundary of the Site. Historically, a tributary to Salt Creek meandered through the eastern and south central portion of the Site. During the 1950s and 1960s, this tributary was lost as the landfill site developed and flood control projects were implemented on the main Salt Creek stream channel. Over time, Salt Creek has cut down into the underlying landscape creating very steep and high (20-30 feet) stream banks. This has resulted in a hydrologic disconnect between Salt Creek and the surrounding wetlands. Thus, many of these wetlands no longer have the water regime necessary to maintain the unique hydric (water loving) vegetation.

Historically, the Site contained some of Lincoln's highest quality saline wetlands. One of these wetlands, Roper's Lake, located in the northwestern portion of the Site was noted as a prominent waterfowl hunting area in the 1940s and 1950s. The Nebraska Game and Parks Commission (NGPC) have categorized most of the saline wetlands within Lancaster County in an effort to manage and protect this unique ecosystem. The remaining wetlands within the project site are categorized as "Category I: Site currently provides saline wetland functions of high value or has the potential to provide high values following restoration or enhancement measures." These wetlands fall into the latter part of this description due to the current dominance of invasive, exotic vegetation and the lack of a good hydrologic connection to Salt Creek.

Vegetative communities within the Site are indicative of a highly altered landscape with a majority of the Site having been utilized for the landfill. Currently, the active portion of the landfill is located in the east central portion of the Site. The remainder of the landfill is capped and vegetated with a mix of cool season grasses. A wetland complex remains within the northwestern portion of the Site.

SOLID WASTE OPERATIONS

The City of Lincoln operates a small vehicle drop off and Municipal Solid Waste transfer station adjacent to the Construction and Demolition (C&D) landfill. This operation is in support of area residents and serves to minimize small vehicle access to the Bluff Road Landfill. In addition to these operations, the City provides yard and wood waste drop off areas, an appliance de-manufacturing operation, recycling drop off area, and used oil collection operation. These activities and associated infrastructure are expected to continue into the future concurrent with the C&D disposal activity. Additional onsite buildings include the scale house, maintenance building, and storage building.

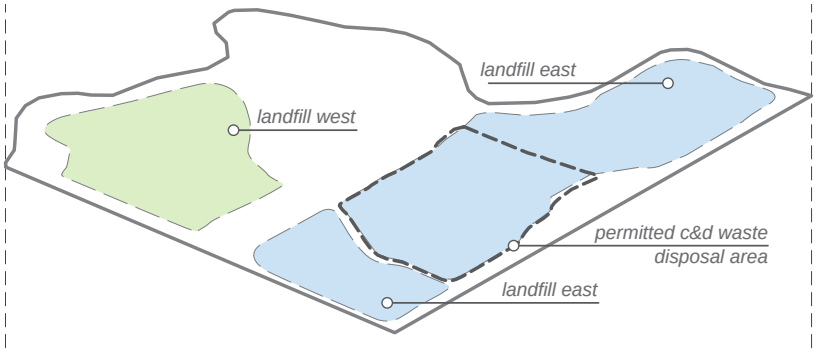
A total of 121 acres of the North 48th Street Site are permitted for C&D disposal activity. To date, 40 acres have received final cover. Disposal is expected to continue through 2030 based on current volume estimates. Scale house and road networks must be maintained to support the continued C&D disposal operations and public access (current and future) must be appropriately controlled to facilitate the continued safe access to the disposal area for waste haulers and to minimize unauthorized access to this disposal area. Additionally, associated with the C&D disposal activity, surface run-on and run-off controls must be maintained. These controls include drainage channels around the perimeter of the disposal areas, culverts at road crossings, berms and terraces on the side slopes of the waste mass, let-down structures, and erosion controls such as riprap and similar best management practices.

Groundwater contamination at the North 48th Street Site was identified in the early 1990s and in 1992 the NDEQ requested that the City voluntarily comply with the NDEQ Title 118 – Groundwater Quality Standards and Use Classification Regulations. A Remedial Action Plan has been developed to address the identified contamination with specific objectives that include:

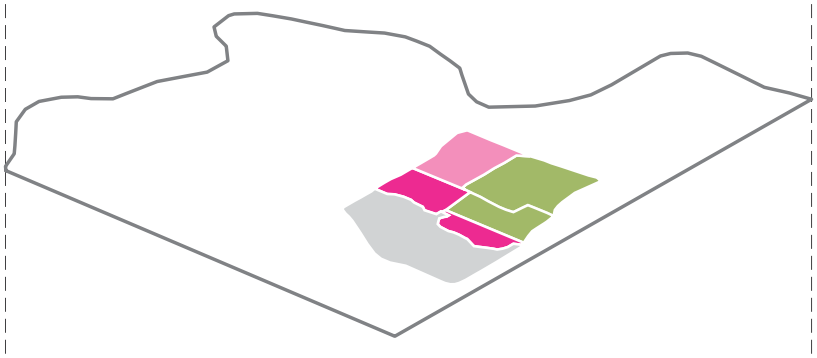
- Protect aquatic receptors from exposure to unacceptable levels of contamination originating from site groundwater releases into Salt Creek
- Protect the public from exposure to unacceptable levels of contamination in soil, groundwater, and vapor originating from the Site

Groundwater monitoring wells are currently sampled semi-annually. Monitoring will continue at the Site until at least 2022 when the current 10-year monitoring period is completed. Additional monitoring may be required beyond 2022.

Municipal solid wastes were disposed of at the North 48th Street Site from 1956 until 1990. A passive landfill gas control system was constructed in 1999 and is monitored by City personnel on a monthly basis.



general landfill operations

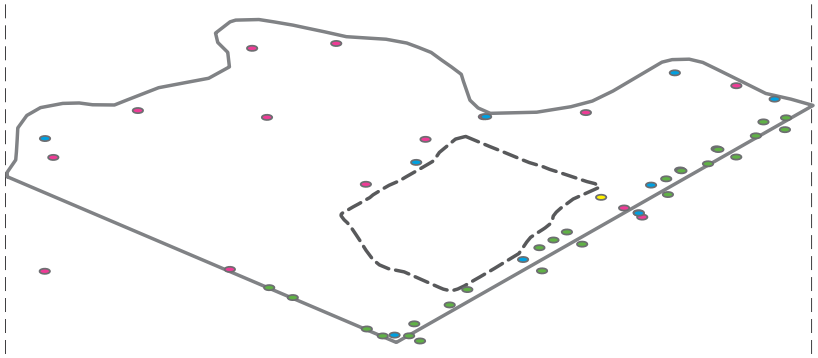


construction & demolition fill areas

- *area capped*
- *active c&d fill area as of 2010 survey*
- *lateral expansion area*
- *remaining c&d fill area to be filled*

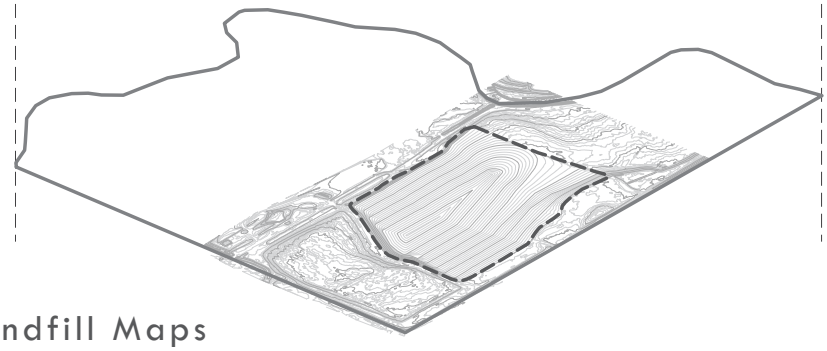
fill & closure sequence

- *26 acres | capped 2005*
- *14 acres | capped 2009*
- *11 acres | capped 2013*
- *11 acres | 2016*
- *12 acres | 2020*
- *8 acres | 2022*
- *8 acres | 2024*
- *13 acres | 2025*
- *9 acres | 2027*
- *9 acres | 2030*



observation structures

- *landfill gas monitoring probe*
- *ground water monitoring well*
- *piezometer*
- *observation well*



landfill finished grade

Landfill Maps

04

COMMUNITY **VISION**

INTRODUCTION

The community was involved throughout the planning process in several ways, providing the planning team with valuable project information, setting goals, generating ideas, reviewing concepts and providing direction regarding the planning process and outcomes. The subsequent sections describe the process and outcomes for each community engagement.

STEERING COMMITTEE

The City formed a project Steering Committee consisting of Public Works and Utilities, Parks and Recreation, Planning, Lincoln-Lancaster County Health Department, and the Lower Platte South Natural Resource District. The Steering Committee's purpose was to provide the planning team guidance and input throughout the planning process. The Steering Committee met multiple times throughout the planning process to review plan progress and receive input on process, concepts and outcomes.

PROPERTY OWNERS AND KEY STAKEHOLDERS

Steering Committee members and the planning team engaged the surrounding property owners and recreational stakeholder groups at key intervals during the planning process. Property owners were notified of the public workshop via post mail and public notice. Potential end-user groups were contacted multiple times throughout the planning process for key stakeholder interviews and surveys. End-user groups were identified based on community recreational needs and interest, previous engagement with the Site and recreational uses in close proximity of the Site. Interviews/surveys were conducted prior to the public workshop in order to gain a base knowledge of end-user interest in the Site; and after the public workshop to further develop end use plan concepts. Surrounding property owners and key stakeholders were encouraged to attend the public workshop and community meeting in order to provide input and to stay abreast of the planning process.

PUBLIC WORKSHOP

The public was invited to a community workshop on Thursday, August 21, 2014 to discuss options to reuse portions of the North 48th Street Landfill property. A public notice was published prior to the event and targeted mailings went out to property owners in the area of the Landfill. Reminders were also sent out to stakeholders that had previously expressed interest in the Site. The meeting was held at the Auld Community Center in Lincoln, Nebraska. The workshop gave participants an opportunity to review site information and provide input to help the City develop a plan to guide future land use activities at the Site. The attendees were asked to participate in several small exercises and facilitated groups that were designed to help participants plan recreational uses and infrastructure needs at the Site.

COMMUNITY MEETING

After review and incorporation of public input, preliminary end use concepts were prepared and presented along with a preferred concept alternative at a community meeting on February 3, 2015. The meeting was held at the Auld Community Center in Lincoln, Nebraska. The community meeting was advertised through public notice and electronic mail. The meeting gave the public an opportunity to review the conceptual end use plan and provide input. Steering Committee members and the planning team presented an overview of the planning process and then the specifics of the conceptual end use plan. Attendees were given the opportunity to provide written and oral comments.

05

ALTERNATIVES **ANALYSIS**

PLANNING PROCESS

The process to develop preliminary concept alternatives included extensive input from the Steering Committee, planning team, stakeholders, and the community. Upon completion of background analysis, site studies, and goal setting, the process of developing plan options began. The process included a creative public workshop (August 2014), concept development, stakeholder interviews/surveys, and a community open house (February 2015) to provide feedback on the planning process.

GOALS AND DIRECTION

The planning process commenced with a day long project kick-off meeting with the Steering Committee. The Steering Committee and planning team met at the North 48th Street Solid Waste Facility, toured the Site and established goals for the Plan.

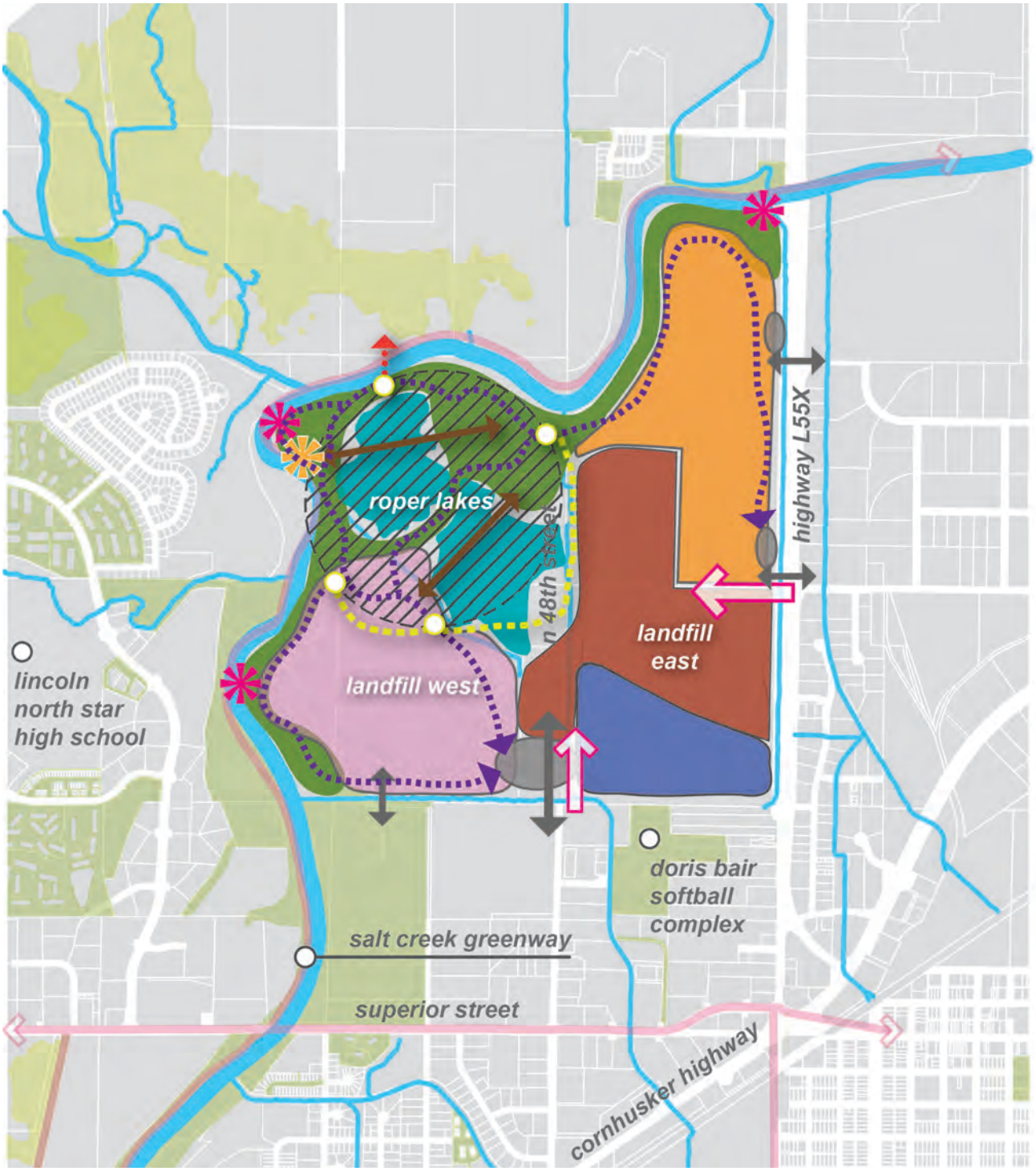
The Public Workshop provided additional goals and direction for the Plan. The workshop also allowed for the opportunity to build consensus on common plan elements at an early stage in the process. The planning team developed three conceptual plan alternatives.. Public input and these preliminary concepts provided the foundation for further development of the Plan.

CONCEPTUAL DEVELOPMENT

Community input received during the Public Workshop and stakeholder interview/surveys provided the basis for further concept development. The planning team, with direction from the Steering Committee, developed three conceptual plan alternatives. Each option proposed access points, recreational use areas, trail locations, natural resource restoration, infrastructure, potential recreational amenities, and the continuation of solid waste management operations on the Site.

CONCEPT REVIEW

Once concepts had been developed, they were reviewed by the Steering Committee extensively to gain consensus on the most desired qualities and characteristics. The review input provided the planning team with direction regarding planning themes, concepts and strategies to incorporate into the preferred end use plan. The Steering Committee selected a preferred alternative and that alternative was presented to the public at the February 2015 Community Meeting. The public meeting allowed stakeholders to make suggestions and revisions to the preferred alternative plan.



Plan Key

- trails (nature, cross-country and biking)
- flexible use space (youth hunts - upland game, archery events, programmed recreation activities, and biking trails)
- active landfill area (active C&D fill and transfer station)
- youth hunt area (arhcery and deer) trails in this area to be bypassed during hunts
- restored saline wetlands with interpretive signage and education opportunities
- mountain biking track with perimeter walking trails
- park amenities area/buffer zone (opportunity for park shelter, activities, etc.)
- public parking area
- potential gate locations during youth hunts
- existing and planned trails
- relocate primary (and possible secondary) access to C&D fill and transfer station
- vehicular access to park
- potential main trail route
- potential walk/bike trail bypass route during youth hunts
- potential ped connection to Lower Platte South NRD area
- boardwalks in wetlands with interaction/observation opps
- overlook opportunity to river and eagles nest
- potential river access point (kayak)

Usage Opportunity Map

*maps created with GIS data from the following sources:
USGS, USDA, NRCS, Lincoln/Lancaster Co. GIS, University of Nebraska-Lincoln GIS data

06

RECREATIONAL **END USE PLAN**

INTRODUCTION

The North 48th Street Solid Waste Facility End Use Plan combines the best features from the preliminary alternatives and feedback from the public, including: continued and safe solid waste operations, multiple recreational end uses, preservation and restoration of natural resources, and opportunities for parking and amenity infrastructure. The End Use Plan creates a unique recreational space that promotes both organized and leisure outdoor experiences while maintaining solid waste operations.

The Plan provides a 20-30 year vision and framework to achieve the important solid waste and recreational goals of the community at the North 48th Street Solid Waste Facility. The plan is supportive of combined uses and is sensitive to the existing operations at the Site. The mix of recreational uses, open space and natural areas are designed to create year-round use of the Site.

SOLID WASTE OPERATIONS

Paramount to the completion of the Plan is the preservation of the current and any future solid waste operations at the Site. Key elements of the Plan that provide for current and future solid waste operations include:

- End uses and permanent infrastructure would be limited in areas where additional fill and cover maintenance will be necessary. Structures on the landfill cover are discouraged due to significant geotechnical engineering and environmental controls required for construction through and on the landfill cover.
- Public and unauthorized access to the active landfill areas would be prevented using artificial and natural barriers.
- Access to the active landfill areas would be preserved to allow for the safe and efficient use and operation of the disposal area.
- Groundwater cannot and would not be used for human consumption, irrigation, or any other purposes.

Plan Key

1 mountain biking trails

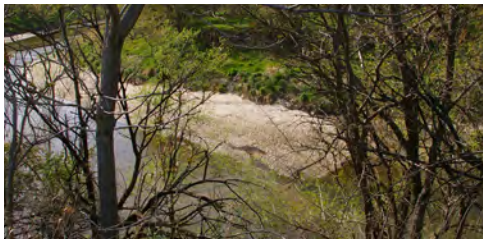
2 trail head, park access, and parking

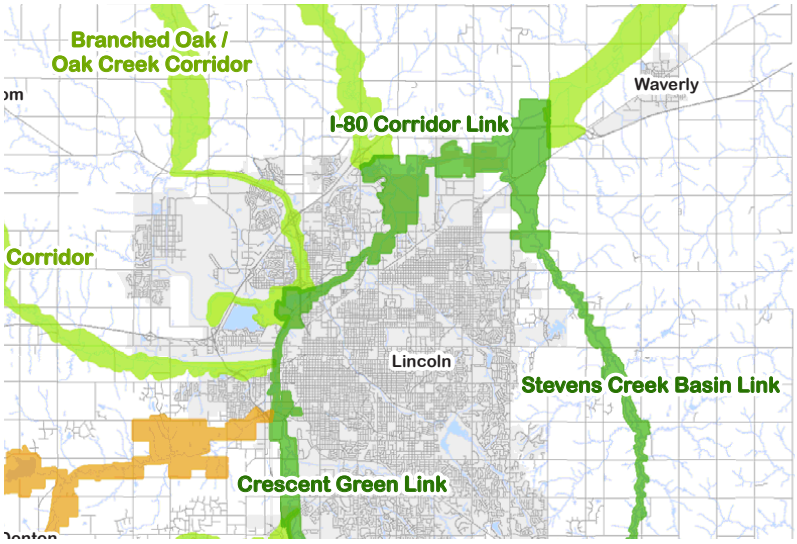
3 nature and cross country trails through wooded and prairie restoration areas

4 trap and skeet potential use area

5 park amenities area (shelther, gathering, opportunities for portable restrooms during events) with parking

Proposed Recreational End Use Plan





RECREATIONAL USES

Multiple recreational uses have been deemed desirable and suitable for the Site. The plan encourages multi-modal trails and mixed recreational uses across the site. Key elements include:

- Cross country trails, walking trails, overlooks and interpretation areas
- Cycling and mountain bike trails
- Trap and skeet area
- Youth mentored hunt zones

CROSS COUNTRY TRAIL, WALKING TRAILS, OVERLOOKS AND INTERPRETATION AREAS

- A primary and secondary trail loop system would enhance overall site access and create both competitive and leisure trails.
- A competitive cross country trail would be most suitable in the natural areas of the northwest portion of the Site.
- A larger, multi-modal, trail looping around the eastern portion of the Site would provide access to interior portions of the Site.
- Trails would not be paved, but rather maintained with mulch, gravel or mown trail paths
- Multiple opportunities for interpretive signage along the trails would allow for education about the natural areas associated with the site, on-going landfill activities and the gradual land recycling and reuse of portions of the landfill Site.
- In order to protect the natural areas that the trail system is traversing, the trails would preferentially avoid narrow pathways and wooded bottoms.

Plan Legend

- existing and planned trails (not part of this plan, shown for reference only)
- primary trail loop (multi-modal)
- secondary trails
- interpretive/observation opportunity
- overlook to eagle's nest

Proposed Trails, Overlooks And Interpretation Nodes

TRAP AND SKEET

- A trap and skeet area in the southwest portion of the Site would allow for a larger contiguous area designated for shooting sports. This area would be adjacent to the existing trap and skeet operations on the southwest adjacent property.
- The location of the trap and skeet area would create a safe distance and buffer area from parking and other end users. A buffer distance of 720 feet would be required.
- Signage and potential man-made or natural screens would enhance safety in this area.

BICYCLING

- Bike trails in the northeastern portion of the Site would give cyclists an appropriate mix of terrain and an access point near planned parking areas.
- Bike trails would support all skill levels, from advanced to beginner cyclists.
- Bike trails could be developed in order to create a venue for organized cycling events.
- Trails would not be paved, but rather maintained with mulch, gravel or mown trail paths.

Plan Legend

mountain biking trails
(exact layout to be determined)

Proposed Bike Trails

YOUTH MENTORED HUNTS

- Multiple zones for youth mentored hunts would be most suitable in the north and west portions of the Site.
- Areas for waterfowl, deer, turkey, lowland habitat and upland bird hunting activities would provide a diverse learning and mentoring environment.
- Food plots would support wildlife diversity.
- Signage would enhance safety in this area.

Plan Legend

- waterfowl
- deer & turkey
- upland bird
- lowland habitat

Proposed Youth Mentored Hunt Zones

NATURAL RESOURCES

Restoration and preservation of natural areas is desirable to support more passive recreational uses at the Site. Protection and restoration of these natural areas will also enhance many of the planned recreational uses in the north and west portions of the Site. The plan encourages restoration and new plantings in the Roper's Lake area as well as the riparian corridor areas of the site. Key elements include:

- Woodland restoration along the riparian corridor of Salt Creek and in pockets located throughout the Site would provide screens, habitat and a more natural aesthetic to former landfill areas.
- Natural prairie vegetation could support landfill cover, provide wildlife habitat and create a more natural aesthetic to portions of the Site.
- Wet mesic prairie restoration in the northern portion of Roper's Lake would help to re-establish the native plant communities and create important wildlife habitat.
- Wetland restoration in the southern portion of Roper's Lake would help re-establish the native saline wetland plant communities and the hydrologic connection to the surface water resources on the Site.

Plan Legend

- woodland restoration
- prairie restoration
- ground cover
- wet mesic prairie restoration
- wetland restoration

Proposed Vegetation Restoration Areas

INFRASTRUCTURE AND AMENITIES

Basic infrastructure and amenities would be beneficial in supporting the various end uses on the Site. The Plan encourages a condensed infrastructure and amenities footprint in order to allow for continuing solid waste facility operations. Key elements include:

- Park access roads could be located in the southern and eastern portions of the Site, near current access points.
- Access roads would encourage the desired flow through the open areas of the Site and provide appropriate separation from the active solid waste facility operations.
- Parking areas could be located in the southern and eastern portions of the Site, near current access points.
- Shelters or other park amenities could be located in the vicinity of the parking areas. Amenities could include restrooms and small shelters.

Plan Legend

- park access road
- landfill only access road
- parking
- shelter/ park amenity
- wetland restoration

Proposed Roads, Parking and Shelters

07

IMPLEMENTATION **PLAN**

This section of the Plan identifies several strategies for future end uses and the continued solid waste operations at the Site. It will be important to engage the community and stakeholders with each step of the planning process to ensure that the vision being carried forward reflects the community's desires.

PHASING

The primary intent of the Plan is to communicate and detail the vision for the North 48th Street Site. With that said, it is important to begin identifying strategies to make the vision a reality. This section describes phasing strategies and catalyst projects that relate to phasing.

Successful implementation of the Plan will occur if all elements of the plan are considered throughout the implementation process and careful stewardship of the Plan's fundamental goals are adhered to. Many factors evolve over time and can change the priorities in implementing the Plan. As funding becomes available and stakeholders gain momentum, the order of development events may shift. Having the Plan as a strategic development tool will keep implementation on track as various other factors shift over time.

Specifically, each designated end use will be driven by the private sector. A natural phasing of end use will occur as private and/or public funding becomes available for trail development, infrastructure, landscaping and programming. The City will work with each stakeholder group to draft an end use agreement. End use agreements will provide the specific framework for end use areas, infrastructure development and maintenance, access and use restrictions. It is anticipated that an end use agreement will be required for all of the recommended end user groups (cross country, bird watching, bicycling, youth mentored hunts and trap and skeet).

FINANCING

Limited public resources are available to develop the infrastructure and amenity improvements suggested for the Site. In order to provide the improvements necessary for the planned uses at the Site, the City will need to examine public-private partnerships and agreements that allow private funding and stakeholder groups to provide the needed infrastructure with guidance from the Plan and City partners. Additionally, public and private grant dollars may be pursued to support end use development.

NEXT STEPS

The following is a list of recommendations that have been identified to move implementation of the recreational end use plan forward. These are presented in no particular order but each will be important in the effort to see the vision of the North 48th Street Recreational End Use Plan become a reality.

PLAN APPROVAL FROM THE PARKS AND RECREATION ADVISORY BOARD

Recreational uses at the North 48th Street Site will eventually fall under the jurisdiction of the City of Lincoln Parks and Recreation Department. Approval of the Plan by the Parks and Recreation Advisory Board is an important first step. This will ensure compliance with the intent of the Plan.

ESTABLISH ACCESS POINTS FOR PUBLIC USE

A clear expectation of access points for the public and the ongoing solid waste operations will be necessary to establish the desired flow on the Site. Creating this flow pattern early will ensure that public uses do not infringe on the operational needs of the solid waste facility.

STANDARD POTENTIAL END USE AGREEMENT DRAFT

While each end use agreement will be unique to the end use, a standard potential end use agreement, which can be supplemented with use-specific information, is an integral piece for implementation. The Potential End Use Agreement should address development, maintenance, funding, seasonal use, daily use, restrictions and event programming.