

Interim Removal Measure Transportation Plan

May 2010

**Ascon Landfill Site
Huntington Beach, California**

Prepared for

Department of Toxic Substances Control

5796 Corporate Avenue
Cypress, California 90630

and

City of Huntington Beach

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1.0 Background

This Transportation Plan has been prepared to address the proposed truck route(s) to and from the Ascon Landfill Site (Site) in Huntington Beach, California, in order to complete the proposed Interim Removal Measure (IRM), as further detailed in the main body of the IRM Workplan. This plan is designed to provide safe traffic conditions and minimize impact on the local community.

2.0 Disposal and Recycling Facilities

The disposal and/or recycling facilities to where the material from the IRM at the Ascon Landfill Site will be transported are dependent on analyses of tarry materials that were collected during the January 2009 sampling event, the feasibility of recycling this material, and selection of the final disposal and/or recycling facilities. Therefore a range of options has been reviewed and considered for potential disposal and/or recycling of this material.

If this material is determined to be recyclable, then a facility where this material could be recycled is Filter Recycling, located at 180 Monte Avenue in Bloomington, California.

Disposal of the tarry liquids from Lagoons 1 and 2, provided that this material is characterized as non-RCRA hazardous material, could be accomplished at two landfills presently under consideration:

1. Waste Management's Kettleman Hills facility, located at: 35251 Old Skyline Drive in Kettleman City, California;
2. Clean Harbor's Buttonwillow facility, located at: 2500 W Lokern Rd, Buttonwillow, California.

If this material is characterized as non-hazardous material, then disposal may occur at Waste Management's McKittrick facility located at: 56533 Highway 58 McKittrick, California.

3.0 Loading and Transportation Procedures

The materials will be placed into trucks at the stockpile area and/or from the sides of the lagoons for transport to the designated disposal and/or recycling facilities. The trucking company will be a certified hazardous waste transportation contractor, as needed, and the drivers will be properly licensed in the state of California. Trucks loaded with waste will be appropriately covered and secured during transport. Semi-tractor trailer trucks with roll-off bins, semi-tractor trailer end dump trucks, or equivalent, each with an effective capacity of approximately 16.5 cubic yards¹ (cy), or approximately 17 tons, of material and/or vacuum trucks are planned for transport and disposal of the material during the IRM. Prior to leaving the Site, each truck will be inspected and decontaminated as necessary to remove loose debris in the tire wells and on the outside of the truck.

3.1 Transportation Route

The anticipated transportation routes for waste transport vehicles to and from the Ascon Landfill Site and the disposal facilities and/or recycling facility are depicted on Figures 1 through 4. Multiple truck routes have been assessed for the IRM to assure that the best route is selected to minimize potential impacts to the community and to avoid potential road closures in the area. These routes are described further below.

3.1.1 Waste Management's Kettleman Hills facility

The anticipated transportation route for transport vehicles to and from the Ascon Site and Waste Management's Kettleman Hills facility is depicted on Figure 1, options 1 and 2. Two options have been selected as the preferred routes due to construction in the area at the time of workplan preparation and the ongoing temporary road closure of Newland Avenue between Hamilton Avenue and Pacific Coast Highway (PCH). The route identified in Option 1 is anticipated for use if Newland is closed between Hamilton and PCH when the work commences. When/if Newland is reopened, Option 2 is anticipated to be used for the IRM truck route. (Option 2 was the route used during the 2005 Emergency Action at the Ascon Site.)

¹ The estimated capacity for each truck was assumed to be approximately 16.5 cy/truck, fewer than the truck's full capacity, in order to create a buffer for planning purposes.

Option 1 covers transportation from the facility located at 35251 Old Skyline Drive in Kettleman City, California, to the Ascon Site, exiting the 405 Freeway at Beach Boulevard and heading south on Beach to Atlanta Ave. At that point, the route to and from the Site depends on whether or not these vehicles are incoming (unloaded) or outgoing (loaded). Incoming vehicles to the Site will turn left onto Atlanta Avenue from Beach Boulevard, then right onto Newland Avenue, then left onto Hamilton Avenue, and right into the Hamilton gate entrance to the Site.

Option 2 follows the route identified in Option 1. However, once the trucks are heading south on Beach Boulevard, the trucks will continue to PCH, turn left onto PCH, left onto Newland Avenue, right onto Hamilton Avenue, and right into the Hamilton gate entrance to the Site. Options 3, 4, and 5, as shown in Figure 1, identify other routes considered during the planning for the IRM. Option 4 was removed from consideration because this truck route would pass directly in front of Edison High School.

Option 5 is planned for a contingency in the case that Beach Boulevard is closed or has traffic congestion delays. Option 5 follows the route from the Kettleman Hill's facility to the 405 south, as identified in the previous options, but the trucks will exit at Brookhurst instead of Beach Boulevard, then right/south onto Brookhurst, right onto Hamilton/Victoria and left into the Site's Hamilton gate. A switch to the alternative transportation route will be determined by the Site manager and Project Coordinator, with notification to the City of Huntington Beach transportation officials and DTSC.

The above transportation routes assume disposal at Waste Management's Kettleman Hills facility, which is the furthest disposal facility under consideration from the Ascon Site. Transportation routes to other possible disposal and recycling facilities are discussed below.

3.1.2 Clean Harbor's Buttonwillow facility

The anticipated transportation route for transport vehicles to and from the Ascon Site and Clean Harbor's Buttonwillow facility is depicted on Figure 2, options 1 and 2. The route from the 405 freeway to the Ascon Site is the same as the Kettleman route identified in Figure 1 and above. The difference in routes occurs only after exiting the 405 freeway near the facility location. Option 4 was removed from consideration because this truck route would pass directly in front of Edison High School. Option 5 is planned for a contingency truck route.

3.1.3 Waste Management's McKittrick facility

The anticipated transportation route for transport vehicles to and from the Ascon Site and Waste Management's McKittrick Facility is depicted on Figure 3, options 1 and 2. The route from the 405 freeway to the Ascon Site is also the same as the Kettleman route identified in Figure 1. The difference in routes is north of the 405 (from the facility to the 405 freeway). Option 4 was removed from consideration because this truck route would pass directly in front of Edison High School. Option 5 is also planned for a contingency truck route.

3.1.4 Filter Recycling's facility

The anticipated transportation route for transport vehicles to and from the Ascon Site and Filter Recycling's Facility is depicted on Figure 4c, options 1 and 2. The route covers transportation from the facility located at 180 Monte Ave., Bloomington, California, heading east from the facility on Monte Avenue toward South Riverside Avenue, heading north/left onto Riverside Avenue, left onto the 10 freeway west, 15 freeway south, CA-91 freeway west, CA-55 freeway south, 405 freeway north, exiting the 405 freeway at Beach Boulevard, and heading south on Beach to Atlanta Avenue. The remainder of this route follows the routes identified above and in Figures 1 to 3, Option 1. The route to and from the Site depends on whether or not these vehicles are incoming (unloaded) or outgoing (loaded). Incoming vehicles to the Site will turn left onto Atlanta Avenue from Beach Boulevard, then right onto Newland Avenue, then left onto Hamilton Avenue, and right into the Hamilton gate entrance to the Site. Once Newland Avenue is reopened, the route identified in Option 2 would be used. Option 4 was removed from consideration because this truck route would pass directly in front of Edison High School. Option 5 is planned for a contingency truck route in the case that Beach Boulevard is closed or has traffic congestion delays.

As previously discussed, other transportation routes from the facilities to the Ascon Site have been considered for the IRM at Ascon, in case the preferred routes (routes identified in Options 1 and 2 of Figures 1, 2, 3, and 4c) are not available or determined to not be the most appropriate route during DTSC review. The actual disposal or recycling facility selected depends on analysis of sampling to be conducted and the profile of the material. All considered options are identified on Figures 1, 2, 3, and 4a – 4e.

3.1.5 Directions from the Ascon Site to the 405 freeway:

Outgoing vehicles going to either the Kettleman Hills facility, McKittrick facility, Buttonwillow facility, the Filter Recycling facility in Bloomington, California, or to any

other potential disposal or recycling facility will exit the Ascon Site at the southernmost Magnolia Gate, turning right onto Magnolia Street, then a right onto PCH, and will proceed to Beach Boulevard and take a right on Beach Boulevard, take Beach Boulevard north to the 405 freeway, and then take the 405 freeway northbound or southbound, depending on destination.

Anticipated onsite vehicle movements are described below.

3.2 Site Access and Controls

Transport vehicles will enter the Ascon Site through the gate on Hamilton Avenue at the northwest corner of the Site and exit the Site through the southern gate on Magnolia Street about 1/4 mile south of Hamilton Avenue (refer to Figure 5 for the Site layout). Trucks entering the Site at the Hamilton Gate will be directed into a staging area located west of Lagoons 2 and 3 and inspected to ensure compliance with Site rules and regulations and suitability for waste transport. Liners will be placed in the trucks at this location, if not pre-lined. This staging area will have room for up to approximately 25 trucks in its present configuration. Trucks that are not suitable for transport will be rejected and will leave the Site, bypassing the staging area and proceeding to the Magnolia Street exit (Figure 5).

From the staging area, waste transport vehicles will be directed to the loading area adjacent to waste stockpiles and/or to the lagoon banks, as directed by onsite personnel, where they will proceed through loading, tarping, weighing, waste transport, and dry decontamination. Front end loaders will be used to transfer stockpiled materials into the beds of the transport vehicles, and excavators and loaders will be used to load the lagoon materials directly into the trucks. Figure 5 shows this loading area, as well as an alternative loading area located next to the lagoons. Loading will be directly supervised by waste contractor and waste hauler personnel. Manifest/documentation will be completed as needed prior to releasing the vehicle to exit.

3.3 Traffic Control

A flag person will be present at both the Hamilton and Magnolia gates as needed to control traffic flow intermittently during heavy equipment arrivals and departures (Figure 5).

All traffic control activities will be conducted in accordance with City of Huntington Beach and CALTRANS Work Area Traffic Control Handbook (WATCH Manual) requirements, as appropriate.

3.4 Waste Transporter Truck Schedules and Frequencies

The project is anticipated to result in a maximum of 70 waste transport vehicles leaving the Site per workday, contingent on approval from DTSC and the City of Huntington Beach. The anticipated duration of truck traffic for the IRM is approximately 4 to 8 months, depending on the number of trucks allowed per day. The total number of truck trips is estimated to be approximately 2,610 based upon an estimated quantity of up to 43,000 cy of waste material before mixing with any amendments. With 10% addition of firming amendments, the total number of truck trips for waste removal would be up to approximately 2,870.

Waste hauling from the Site will be limited to between the hours of 7:00 AM and 3:15 PM, Monday through Friday.

Measures to reduce noise from heavy equipment may include best available noise control technologies.

3.5 Waste Transporters – Usage

The transportation and disposal (T&D) contractor selected for the interim removal measure will ensure transporters' compliance with all Department of Transportation, local, and other applicable rules and regulations governing transportation of waste materials. All drivers of waste transport vehicles will be provided with orientations on the transportation plan and any relevant traffic plans including review of acceptable haul routes.

The transportation contractor will provide end dump trailers and/or semi-tractor trailer trucks with roll-off bins, both with capacities of approximately 24 tons, and/or vacuum trucks to transport the material to the disposal and recycling facilities. The end dumps and trucks with bins will be equipped with cover tarps and plastic sheeting liners, or equivalent, and sealed tailgates. The vacuum trucks are completely enclosed vehicles once loaded.

3.6 Spill/Emergency Response Vendors

Standby services of a street sweeping company may be setup during the IRM Site activities to provide prompt response to accumulation of debris in the locality of the Site, as needed.

In the event of a spill from a waste transport vehicle enroute to a treatment, storage and disposal facility (TSDF), the driver of the vehicle involved in the spill will contact the waste hauler's dispatcher, who will send their own spill response equipment as well as notify local police and fire departments. It is expected that local police highway patrol/fire departments will be the first to respond to an incident and isolate the area of the spill. The fire/police departments may opt to call their own contractor to cleanup the spill in the event that the waste hauler cannot provide a timely response. Although not likely required due to the nature of the waste materials, the responding agency can contact ChemTrec for technical support regarding hazardous materials cleanup, if needed. ChemTrec's phone number will be listed on shipping papers.

Each waste hauler will be required to provide a contingency plan and be prepared for emergency situations (e.g., vehicle breakdown, accident, waste spill, waste leak, fire, explosions) during transportation of waste from the Site to the designated disposal and/or recycling facilities.

Prior to transportation activities, a kick-off meeting will be held with the appropriate parties to discuss both the Transportation and Contingency Plans.

Additionally, a site-specific Health and Safety Plan (HASP) has been prepared for the IRM activities (Appendix B of the Interim Removal Measure Workplan). Personnel working at the Site will be required to be familiar with and follow the HASP.

4.0 Shipping Documentation and Recordkeeping

The profile of the waste will be finalized prior to transporting offsite as needed and in coordination with the selected disposal and/or recycling facilities. The truck driver will be handed a manifest and will sign it prior to leaving the Site with a load of waste. A copy of the appropriate shipping/manifest documentation for each truckload will be maintained onsite until completion of waste transportation operations. The disposal facility will mail a completed, signed copy of the manifest (i.e., the designated facility-to-generator copies) back to the generator. Manifests for disposal of non-RCRA hazardous waste will, at a minimum, include the following information:

- Name and Address of Waste Generator;
- Generator ID number;
- Name and ID number of Waste Transporter;
- Name, address, and ID number of Disposal/Recycling Facility;
- Description of the Waste; and,
- Quantity of Waste Shipped.

The driver will be responsible for handing the appropriate documentation to the disposal and/or recycling facility for signature and processing by the disposal and/or recycling facility.

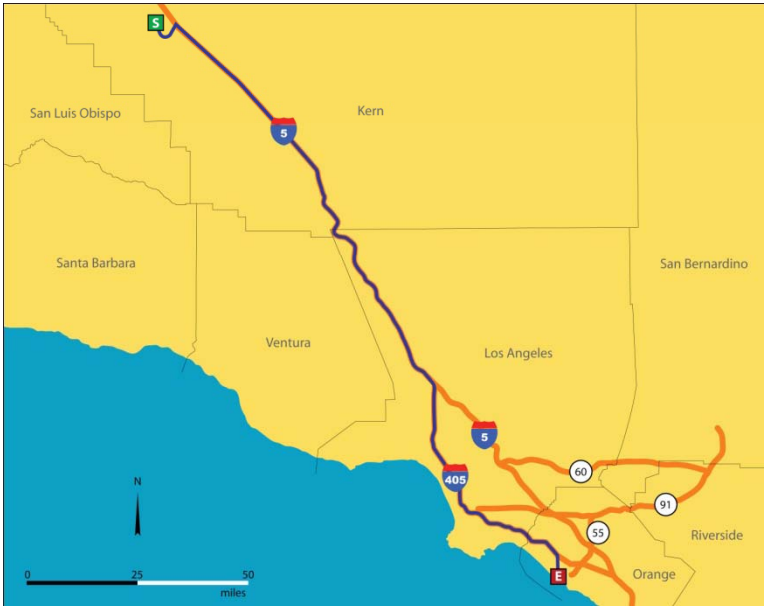
5.0 References

Project Navigator, Ltd. (2006) *“Emergency Action Completion Report – Ascon Landfill Site, Huntington Beach, California”*.

Project Navigator, Ltd. (2007) *“Revised Feasibility Study – Ascon Landfill Site, Huntington Beach, California”*.

Figures

Directions from Kettleman Hills Landfill to I-405



Overview Map from Kettleman Hills Landfill to Ascon

- 1. **S** Exit facility onto Old Skyline Road.
- 2. Left onto CA-41 North.
- 3. Turn left to merge onto I-5 South.
- 4. Merge onto I-405 South.
- 5. Follow designated route from I-405 South to Ascon Landfill Site (see options at right).

Route Options from I-405 to Ascon

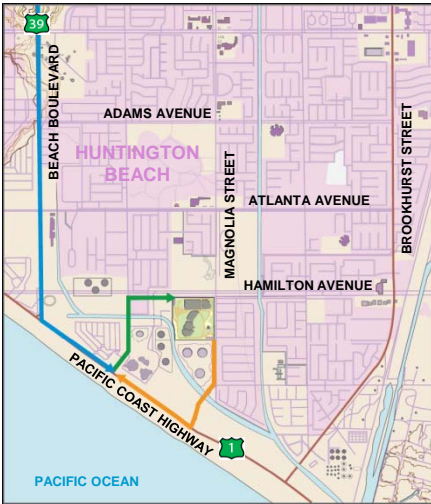
Option 1



- 1. 405 south.
- 2. Exit Beach Blvd.
- 3. Right/south on Beach Blvd.
- 4. Left on Atlanta.
- 5. Right on Newland.
- 6. Left on Hamilton Ave.
- 7. Right into Site's Hamilton gate.

E

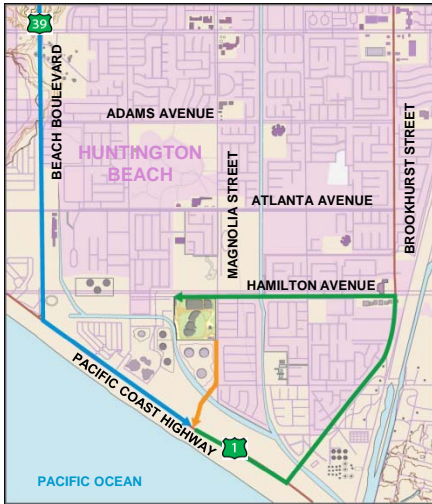
Option 2



- 1. 405 south.
- 2. Exit Beach Blvd.
- 3. Right/south on Beach Blvd.
- 4. Left on PCH.
- 5. Left on Newland.
- 6. Right on Hamilton Ave.
- 7. Right into Site's Hamilton gate.

E

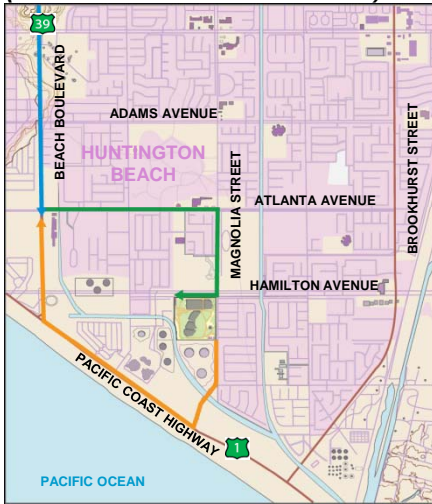
Option 3



- 1. 405 south.
- 2. Exit Beach Blvd.
- 3. Right/south on Beach Blvd.
- 4. Left on PCH.
- 5. Left on Brookhurst.
- 6. Left on Hamilton/Victoria
- 7. Left into Site's Hamilton gate.

E

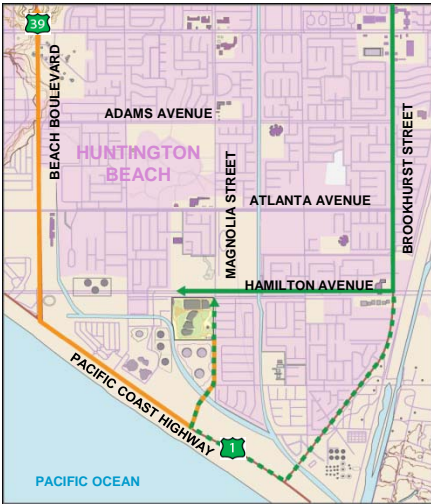
Option 4
(removed from consideration)



- 1. 405 south.
- 2. Exit Beach Blvd.
- 3. Right/south on Beach Blvd.
- 4. Left on Atlanta.
- 5. Right on Magnolia.
- 6. Right on Hamilton.
- 7. Left into Site's Hamilton gate.

E

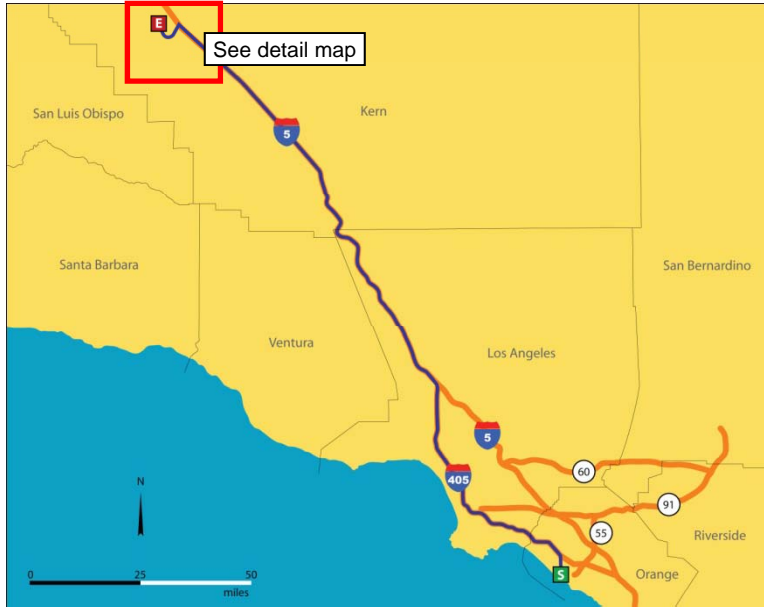
Option 5



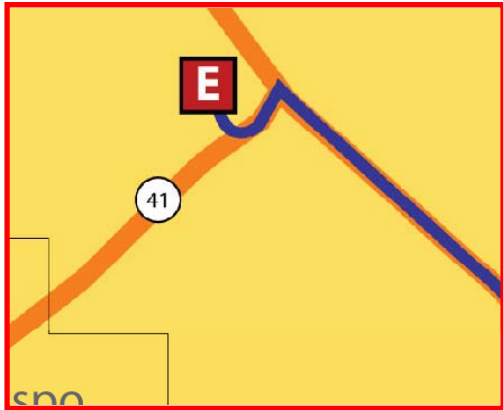
- 1. 405 south.
- 2. Exit Brookhurst.
- 3. Right/south on Brookhurst .
- 4. Right on Hamilton/Victoria and left into Site's Hamilton gate; or take Brookhurst all the way to PCH, right on PCH, right on Magnolia, left on Hamilton left into Site.

E

Directions from Ascon to Kettleman Hills



Overview Map from Ascon to Kettleman Hills Landfill



Detail Map to Kettleman Hills Landfill

- 1. **S** Exit Site from southernmost gate on Magnolia Street.
- 2. South/right onto Magnolia Street.
- 3. Right onto PCH.
- 4. Right onto Beach Blvd.
- 5. Merge onto 405 North.
- 6. Merge onto I-5 North.
- 7. Exit at CA-41 South (Exit 309).
- 8. Left at CA-41 South.
- 9. Right at Old Skyline Road.
- 10. Arrive at 35251 Old Skyline Road, Kettleman City, CA.

E

LEGEND

S

Start

E

End



Outgoing and Incoming Transportation Route



Incoming (Unloaded Truck) Route



Outgoing (Loaded Trucks) Route



Beach Boulevard (Hwy 39)



Pacific Coast Highway

Proposed Transportation and Disposal Route to the Ascon Landfill Site from Kettleman Hills Landfill

Figure 1

IRM Workplan, Transportation Plan
Ascon Landfill Site, Huntington Beach, California

May 2010



Directions from Buttonwillow to I-405

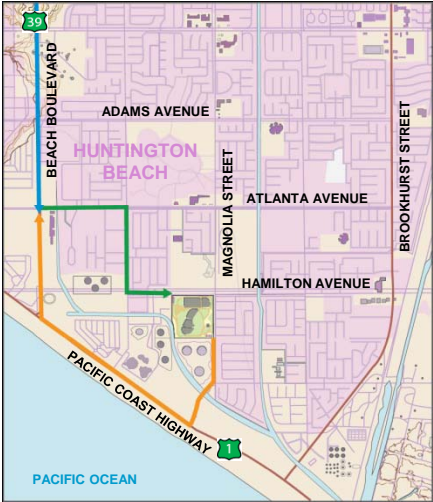


Overview Map from Buttonwillow to Ascon

- 1. **S** From the facility gate, turn left (going east) onto Lokern Rd.
- 2. Turn left (going east) at Hwy 58.
- 3. Turn left to merge onto I-5 South.
- 4. Merge onto I-405 South.
- 5. Follow designated route from I-405 S to Ascon Landfill Site (see options at right).

Route Options from I-405 to Ascon

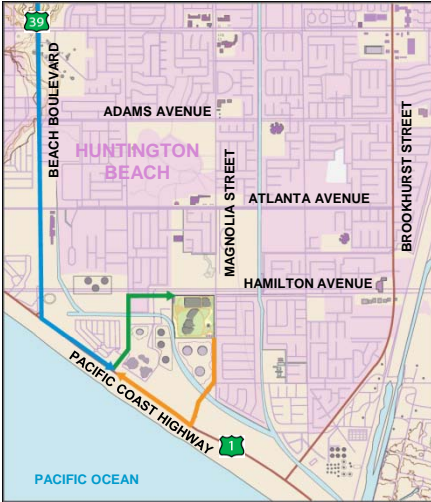
Option 1



- 1. 405 south.
- 2. Exit Beach Blvd.
- 3. Right/south on Beach Blvd.
- 4. Left on Atlanta.
- 5. Right on Newland.
- 6. Left on Hamilton Ave.
- 7. Right into Site's Hamilton gate.

E

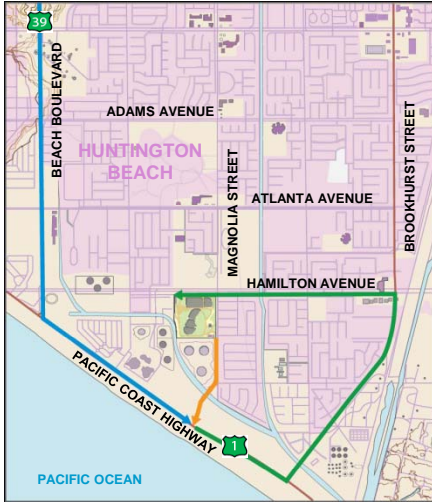
Option 2



- 1. 405 south.
- 2. Exit Beach Blvd.
- 3. Right/south on Beach Blvd.
- 4. Left on PCH.
- 5. Left on Newland.
- 6. Right on Hamilton Ave.
- 7. Right into Site's Hamilton gate.

E

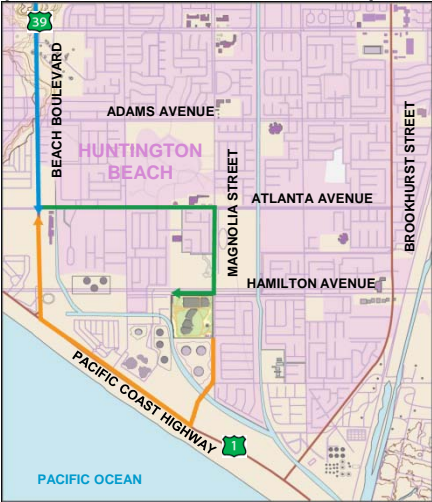
Option 3



- 1. 405 south.
- 2. Exit Beach Blvd.
- 3. Right/south on Beach Blvd.
- 4. Left on PCH.
- 5. Left on Brookhurst.
- 6. Left on Hamilton/Victoria
- 7. Left into Site's Hamilton gate.

E

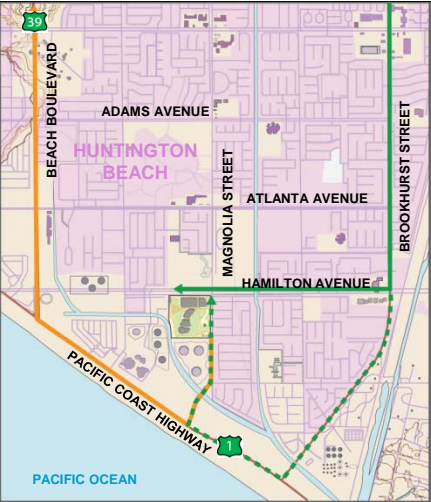
Option 4
(removed from consideration)



- 1. 405 south.
- 2. Exit Beach Blvd.
- 3. Right/south on Beach Blvd.
- 4. Left on Atlanta.
- 5. Right on Magnolia.
- 6. Right on Hamilton.
- 7. Left into Site's Hamilton gate.

E

Option 5



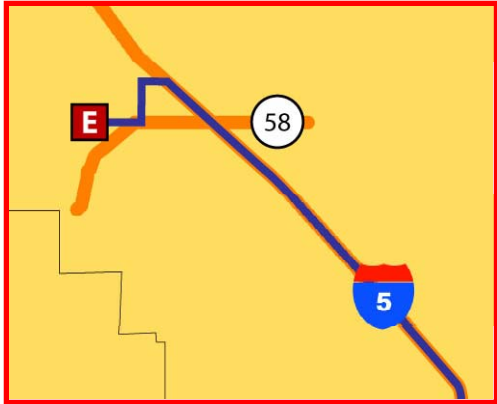
- 1. 405 south.
- 2. Exit Brookhurst.
- 3. Right/south on Brookhurst .
- 4. Right on Hamilton/Victoria and left into Site's Hamilton gate; or take Brookhurst all the way to PCH, right on PCH, right on Magnolia, left on Hamilton left into Site.

E

Directions from Ascon to Buttonwillow



Overview Map from Ascon to Buttonwillow



Detail Map to Buttonwillow

- 1. **S** Exit Site from southernmost gate on Magnolia Street.
- 2. South/right onto Magnolia Street.
- 3. Right onto PCH.
- 4. Right onto Beach Blvd.
- 5. Merge onto I-405 North.
- 6. Merge onto I-5 North.
- 7. Exit on 7th Standard Rd.
- 8. Left (going west) on 7th Standard Rd.
- 9. Left (going south) on Corn Camp Rd.
- 10. Right (going west) on Hwy 58.
- 11. Right at Lokern Rd.
- 12. The facility is on the right-hand side at 2500 Lokern Rd., Buttonwillow, CA 93206.

E

LEGEND

S

Start

E

End



Outgoing and Incoming Transportation Route



Incoming (Unloaded Truck) Route



Outgoing (Loaded Trucks) Route



Beach Boulevard (Hwy 39)



Pacific Coast Highway

Proposed Transportation and Disposal Route to the Ascon Landfill Site from Buttonwillow Landfill

Figure 2

IRM Workplan, Transportation Plan
Ascon Landfill Site, Huntington Beach, California

May 2010



Directions from McKittrick Waste Landfill to I-405

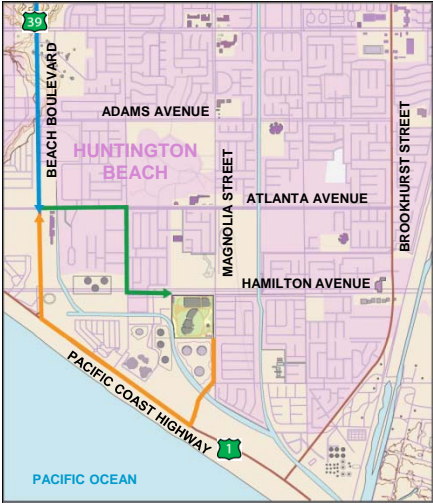


Overview Map from McKittrick Waste Landfill to Ascon

1. **S** From entrance take a right onto Hwy 58 (going east).
2. Take right and merge onto Hwy 33 South.
3. Take left and merge onto Hwy 166 East.
4. Take right and merge onto I-5 South.
5. Merge onto I-405 South.
6. Follow designated route from I-405 S to Ascon Landfill Site (see options at right).

Route Options from I-405 to Ascon

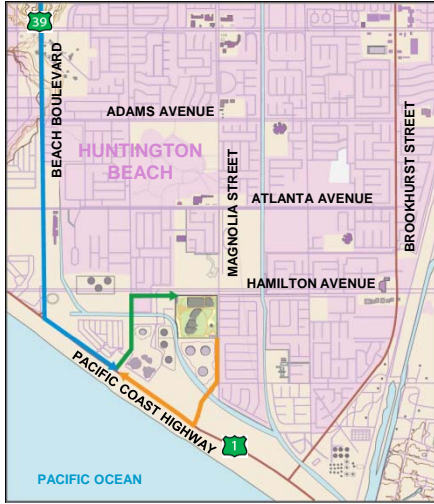
Option 1



1. 405 south.
2. Exit Beach Blvd.
3. Right/south on Beach Blvd.
4. Left on Atlanta.
5. Right on Newland.
6. Left on Hamilton Ave.
7. Right into Site's Hamilton gate.

E

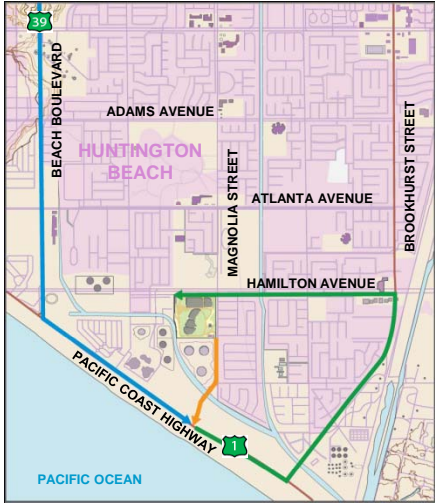
Option 2



1. 405 south.
2. Exit Beach Blvd.
3. Right/south on Beach Blvd.
4. Left on PCH.
5. Left on Newland.
6. Right on Hamilton Ave.
7. Right into Site's Hamilton gate.

E

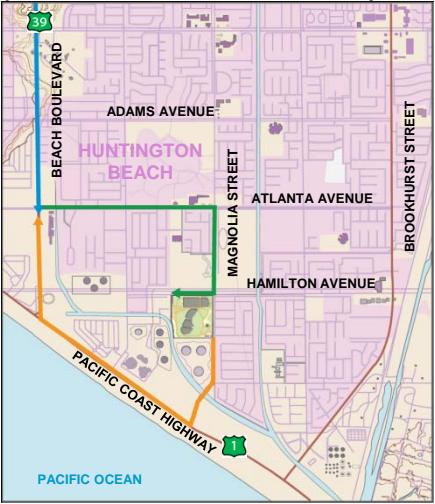
Option 3



1. 405 south.
2. Exit Beach Blvd.
3. Right/south on Beach Blvd.
4. Left on PCH.
5. Left on Brookhurst.
6. Left on Hamilton/Victoria
7. Left into Site's Hamilton gate.

E

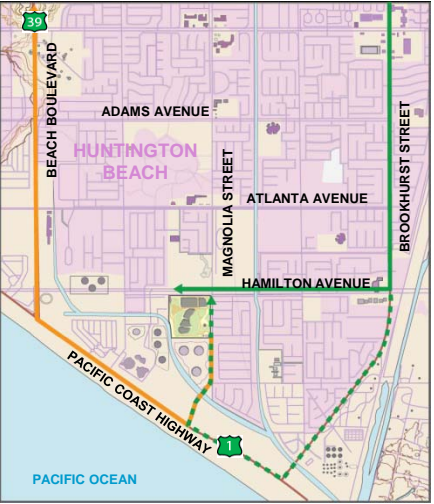
Option 4
(removed from consideration)



1. 405 south.
2. Exit Beach Blvd.
3. Right/south on Beach Blvd.
4. Left on Atlanta.
5. Right on Magnolia.
6. Right on Hamilton.
7. Left into Site's Hamilton gate.

E

Option 5



1. 405 south.
2. Exit Brookhurst.
3. Right/south on Brookhurst .
4. Right on Hamilton/Victoria and left into Site's Hamilton gate; or take Brookhurst all the way to PCH, right on PCH, right on Magnolia, left on Hamilton left into Site.

E

Directions from Ascon to McKittrick Waste Landfill



Overview Map from Ascon to McKittrick Waste Landfill



Detail Map to McKittrick

1. **S** Exit Site from southernmost gate on Magnolia Street.
2. South/right onto Magnolia Street.
3. Right onto PCH.
4. Right onto Beach Blvd.
5. Merge onto I-405 North.
6. Merge onto I-5 North.
7. Exit Hwy 166.
8. Merge onto Hwy 166 West.
9. Take right and merge onto Hwy 33 North.
10. Take right and merge onto Hwy 58 (going west).
11. Arrive at 56533 Highway 58 West, McKittrick, CA 93251. **E**

LEGEND

- S** Start
- E** End
- Outgoing and Incoming Transportation Route
- Incoming (Unloaded Truck) Route
- Outgoing (Loaded Trucks) Route
- Beach Boulevard (Hwy 39)
- Pacific Coast Highway

Proposed Transportation and Disposal Route to the Ascon Landfill Site from McKittrick Waste Landfill

Figure 3

Directions from Filter Recycling Services to Ascon Landfill Site: Option 1



Overview Map from Filter Recycling Services to Ascon

1. **S** Head east on Monte Ave toward S Riverside Ave
2. South/right onto S Riverside Ave
3. Continue on Main St
4. Turn left onto the ramp to Indio/CA-60
5. Merge onto CA-60 E
6. Take the State Hwy 91 S exit toward Riverside
7. Merge onto CA-91 W
8. Slight right at CA-55 S
9. Merge onto Newport Blvd
10. Turn right onto PCH
11. Turn right onto Magnolia St
12. Turn left onto Hamilton Ave
13. Left into Site's Hamilton gate **E**



Detail Map to Ascon

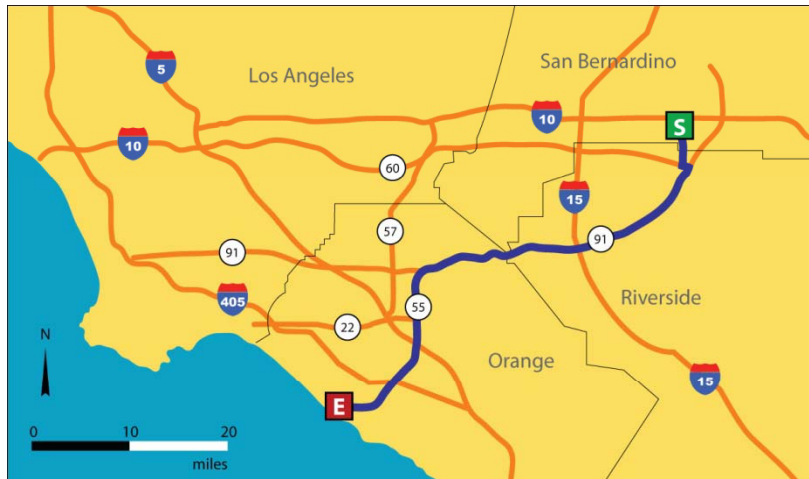
LEGEND

- | | |
|----------------|--|
| S Start | Outgoing and Incoming Transportation Route |
| E End | Incoming (Unloaded Truck) Route |
| | Outgoing (Loaded Trucks) Route |

Proposed Transportation Route to the Ascon Landfill Site from Filter Recycling Services: Option 1

Figure 4a

Directions from Filter Recycling Services to Ascon Landfill Site: Option 2



Overview Map from Filter Recycling Services to Ascon

1. **S** Head east on Monte Ave toward S Riverside Ave
2. South/right onto S Riverside Ave
3. Continue on Main St
4. Turn left onto the ramp to Indio/CA-60
5. Merge onto CA-60 E
6. Take the State Hwy 91 S exit toward Riverside
7. Merge onto CA-91 W
8. Slight right at CA-55 S
9. Merge onto Newport Blvd
10. Take Newport Blvd all the way to PCH
11. Right on PCH
12. Right on Brookhurst St
13. Left on Hamilton Ave
14. Left into Site's Hamilton gate **E**



Detail Map to Ascon

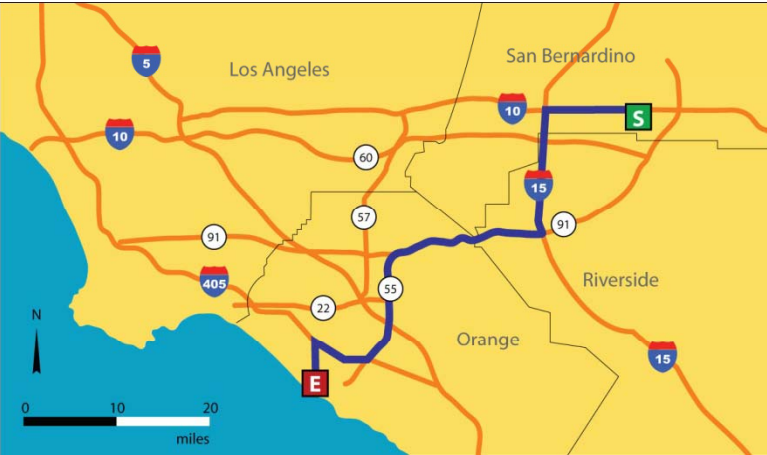
LEGEND

- | | |
|----------------|--|
| S Start | Outgoing and Incoming Transportation Route |
| E End | Incoming (Unloaded Truck) Route |
| | Outgoing (Loaded Trucks) Route |

Proposed Transportation Route to the Ascon Landfill Site from Filter Recycling Services: Option 2

Figure 4b

Directions from Filter Recycling Services to I-405

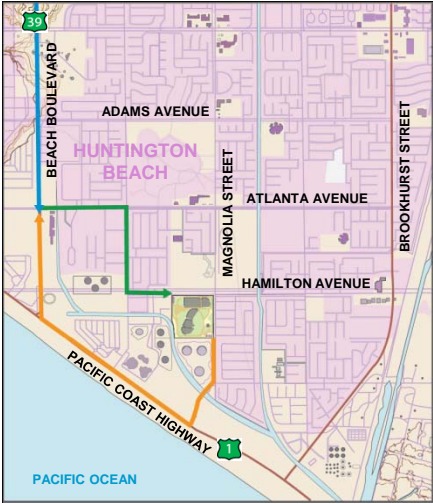


Overview Map from Filter Recycling Services to Ascon

1. **S** Head east on Monte Ave toward S Riverside Ave
2. North/left onto Riverside Ave
3. Left onto 10-W
4. 15 South
5. CA-91 W
6. Slight right at CA-55 South
7. 405 North
8. Follow designated route from I-405 N to Ascon Landfill Site (see options at right).

Route Options from I-405 to Ascon

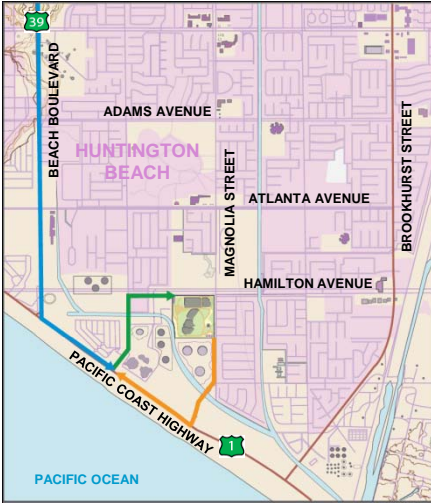
Option 1



1. 405 north.
2. Exit Beach Blvd.
3. Loop to south on Beach Blvd.
4. Left on Atlanta.
5. Right on Newland.
6. Left on Hamilton Ave.
7. Right into Site's Hamilton gate.

E

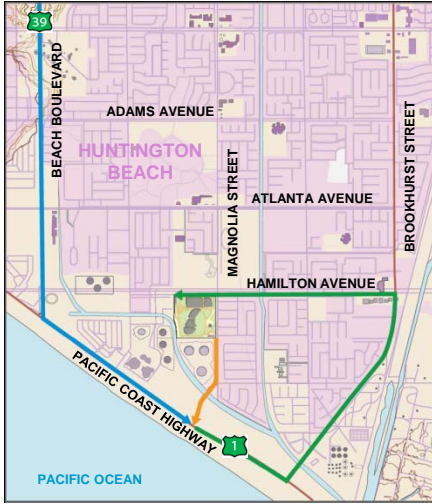
Option 2



1. 405 north.
2. Exit Beach Blvd.
3. Loop to south on Beach Blvd.
4. Left on PCH.
5. Left on Newland.
6. Right on Hamilton Ave.
7. Right into Site's Hamilton gate.

E

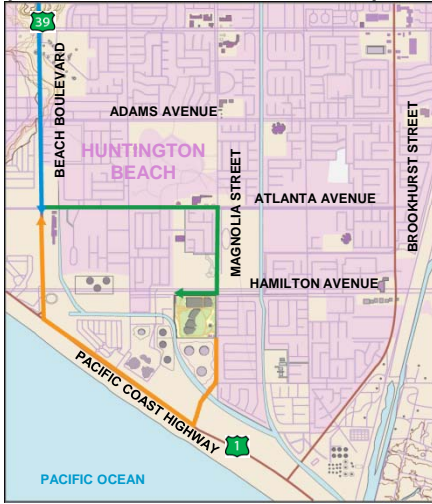
Option 3



1. 405 north.
2. Exit Beach Blvd.
3. Loop to south on Beach Blvd.
4. Left on PCH.
5. Left on Brookhurst.
6. Left on Hamilton/Victoria
7. Left into Site's Hamilton gate.

E

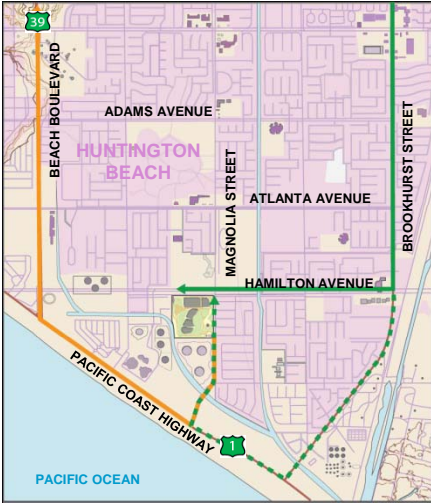
Option 4
(removed from consideration)



1. 405 north.
2. Exit Beach Blvd.
3. Loop to south on Beach Blvd.
4. Left on Atlanta.
5. Right on Magnolia.
6. Right on Hamilton.
7. Left into Site's Hamilton gate.

E

Option 5



1. 405 north.
2. Exit Brookhurst.
3. Loop to south on Brookhurst .
4. Right on Hamilton/Victoria and left into Site's Hamilton gate; or take Brookhurst all the way to PCH, right on PCH, right on Magnolia, left on Hamilton left into Site.

E

LEGEND

S

Start

E

End



Outgoing and Incoming Transportation Route



Incoming (Unloaded Truck) Route



Outgoing (Loaded Trucks) Route



Beach Boulevard (Hwy 39)

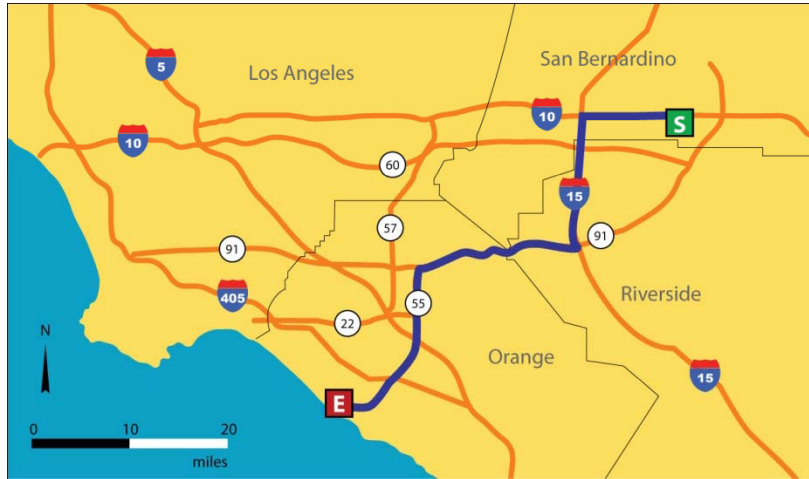


Pacific Coast Highway

Proposed Transportation Route to the Ascon Landfill Site from Filter Recycling Services: Option 3

Figure 4c

Directions from Filter Recycling Services to Ascon Landfill Site: Option 4



Overview Map from Filter Recycling Services to Ascon

1. **S** Head east on Monte Ave toward S Riverside Ave
2. North/left onto Riverside Ave
3. Left onto 10-W
4. 15 South
5. CA-91 W
6. Slight right at CA-55 S
7. Merge onto Newport Blvd
8. Turn right onto PCH
9. Turn right onto Magnolia St
10. Turn left onto Hamilton Ave
11. Left into Site's Hamilton gate **E**



Detail Map to Ascon

LEGEND

- | | |
|----------------|--|
| S Start | Outgoing and Incoming Transportation Route |
| E End | Incoming (Unloaded Truck) Route |
| | Outgoing (Loaded Trucks) Route |

Proposed Transportation Route to the Ascon Landfill Site from Filter Recycling Services: Option 4

Figure 4d

Directions from Filter Recycling Services to Ascon Landfill Site: Option 5



Overview Map from Filter Recycling Services to Ascon

1. **S** Head east on Monte Ave toward S Riverside Ave
2. North/left onto Riverside Ave
3. Left onto 10-W
4. 15 South
5. CA-91 W
6. Slight right at CA-55 S
7. Merge onto Newport Blvd
8. Take Newport Blvd all the way to PCH
9. Right on PCH
10. Right on Brookhurst St
11. Left on Hamilton Ave
12. Left into Site's Hamilton gate **E**



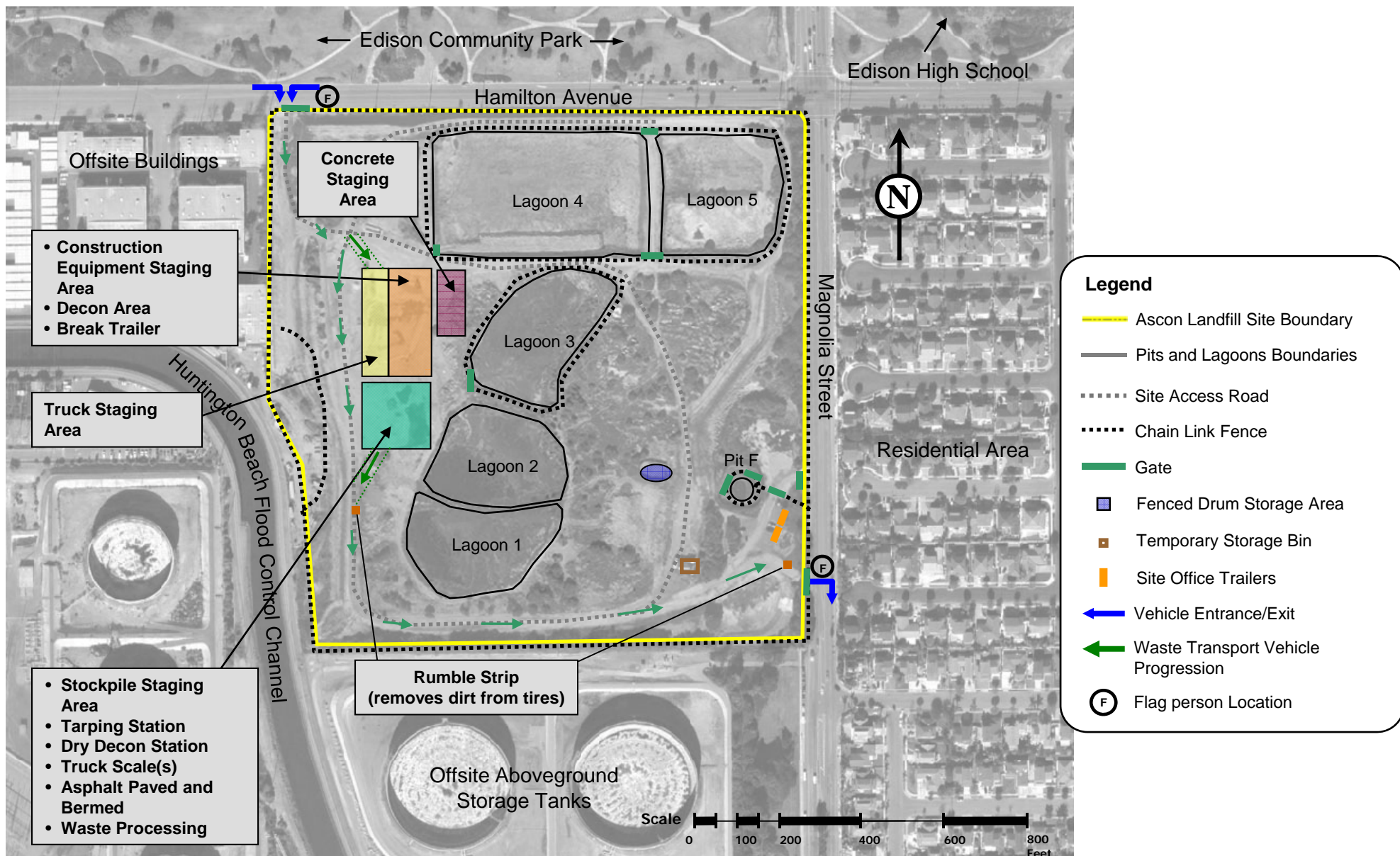
Detail Map to Ascon

LEGEND

- | | |
|----------------|--|
| S Start | Outgoing and Incoming Transportation Route |
| E End | Incoming (Unloaded Truck) Route |
| | Outgoing (Loaded Trucks) Route |

Proposed Transportation Route to the Ascon Landfill Site from Filter Recycling Services: Option 5

Figure 4e



Site Layout

Figure 5