

FINAL ENVIRONMENTAL IMPACT REPORT

STATE CLEARINGHOUSE NUMBER: 2008112107

TURK ISLAND LANDFILL CONSOLIDATION AND RESIDENTIAL SUBDIVISION PROJECT

ERRATA

PURPOSE OF THE ERRATA SHEET

This errata document is intended to be amended to the Final Environmental Impact Report (EIR) for the proposed Turk Island Landfill Consolidation and Residential Subdivision Project.

The revisions in this document are considered minor only and not “significant new information” that would trigger recirculation of the EIR under CEQA Guidelines Section 15088.5. These revisions do not identify a new significant effect or revise findings of the residual levels of effects.

REVISED EXISTING HEIGHTS

The revisions in this errata sheet are motivated by the following:

Through surveying the landfill, the applicant has refined the understanding of the existing heights at the main Turk Island Landfill. While this information had been taken into account for the revised import amounts and proposed ultimate heights assessed in the Final EIR, the existing heights had not been updated in the text of the Final EIR. The following changes are made to update the references to the actual and relative existing heights at the main Turk Island Landfill. There are no changes to the proposed heights as reported in the Final EIR and no changes to impacts or significance conclusions.

REVISIONS TO THE FINAL EIR

The following are minor text changes, additions or modifications made to the Final EIR.

Deletions are noted by ~~double-strikethrough~~; additions are double-underlined.

- *Page 19-1 and 19-2*

The following further revisions are hereby made to the last bullet point under the Revised Project Description.

- With the additional fill and revised grading plan and refined understanding of the existing condition, the existing and proposed final heights of the two lobes of the Turk Island Landfill have been revised. The peak height of each lobe is now proposed at the height of the original design (62 feet for the southern lobe and 65 feet for the northern lobe), though with subsidence over time, the current grades ~~are between 46~~ currently peak at 51 and 54-52 feet, respectively. This represents a reduction in proposed height of 1 foot on the southern lobe and an increase in height of 7 feet on the northern lobe from that assumed in the Draft EIR.

- *Page 19-3*

The following revisions are hereby added to update the list of revised impacts and mitigation measures consistent with the revisions in the Final EIR including this Errata sheet.

Revisions are hereby made to Table 2.1: Summary of Project Impacts and Mitigation Measures to be consistent with specific revisions made to impacts or mitigation measures later in this chapter including:

Mitigation Measure Air-1, Mitigation Measure Air-2a, Mitigation Measure Air-2c, Mitigation Measure Air-2d, Impact Geo-3, Impact Geo-5, Impact Haz-1 and Mitigation Measures Haz-1a through Haz-1f, Mitigation Measure Haz-2g, Mitigation Measures Hydro-1a and Hydro-3b, Mitigation Measure Hydro-4, Mitigation Measure Hydro-5, Mitigation Measure Noise-1, and Impact and Mitigation Measure Traf-1.

- *Page 19-5*

The following revisions are hereby added to update the actual and relative existing main Turk Island Landfill heights.

- Page 4-1

The following revisions are hereby made to the last paragraph on this page to update the existing landfill heights.

Parcel “C” is mounded to a height of approximately 10 feet above the surrounding street elevation. The site is surrounded by a security fence on the north, east and south property lines and connected to the fenced Turk Island Landfill on the west side. The Turk Island Landfill proper reaches approximately ~~46~~ 42 feet above the surrounding street elevation (up to ~~54~~ 52 feet above mean sea level). There is a landfill gas flare, associated with the landfill gas extraction system, on the top deck of the landfill. See the existing views of and across the site in **Figures 4.1, 4.2, and 4.3.**

- *Page 19-5*

The following further revisions are hereby made to the section under changes to page 4-4 to update the actual and relative existing main Turk Island Landfill heights.

Potential views of the Bay marshes from the surrounding areas are obstructed under existing conditions by the existing main Turk Island Landfill, which rises to approximately ~~54~~ 52 feet above mean sea level between the Bay marsh edge and development to the east...

Consolidation of landfill material onto the Turk Island Landfill will increase the height of the landfill by approximately ~~4-3~~ 11 feet on the southern lobe and ~~10-17~~ 13 feet on the northern lobe. This increase in height would not materially affect views of the Bay marshes from Sea Breeze Park or surrounding residential homes because these views are already obstructed by the main Turk Island Landfill at the existing height.

- *Page 19-5*

The following further revisions are hereby made to the paragraph under Landfill Consolidation originally on page 4-6 to update the actual and relative existing main Turk Island Landfill heights.

Consolidation of debris from Parcel “C” to the main Turk Island Landfill and subsequent capping of the materials will increase the height of the landfill by approximately ~~4-3~~ 11 feet on the southern lobe and ~~10-17~~ 13 feet on the northern lobe. The main Turk Island Landfill is already taller than surrounding development (at up to ~~54~~ 52 feet above mean sea level compared to surrounding development at ground levels of about 10 feet above mean sea level) and increases in height of the lobes would not change the character of the site (*less than significant impact*).

- *Page 19-8*

The following revisions are hereby added to clarify that required watering of exposed surfaces does not apply to landfill debris.

- Page 5-20

The following revision is hereby made to the first bullet point of Mitigation Measure Air-1 to clarify that required watering of exposed surfaces does not apply to landfill debris.

- All exposed surfaces except for landfill debris (e.g., parking areas, staging areas, soil piles, graded areas, and unpaved access roads) shall be watered two times per day.

- Page 19-9

The following revisions are hereby added to be consistent with requirements for odor complaints to be verified.

- Page 5-27

The following revisions are hereby made to the last paragraph of Mitigation Measure Air-2c to be consistent with BAAQMD requirements for complaints to be verified.

If odor situations are frequent and/or prolonged (characterized by receipt of ten or more verified complaints filed with the hotline in a 90-day period), the Applicant shall also implement additional odor controls per Mitigation Measure Air-2d, as appropriate.

- Page 19-10

The following revisions are hereby added to update the actual and relative existing main Turk Island Landfill heights referenced in the geology chapter.

- Page 7-3

The following revision is hereby made to the first full paragraph on this page to correct the existing height of the main Turk Island Landfill.

Test pits that were completed to characterize the parcel for proposed residential development (Parcel “C”) indicate that the waste materials extend to depths of 14 feet below existing ground at the northwest corner of the site (elevation of 3 feet MSL) to 20 feet below ground surface (elevation of 0 feet MSL) at the southeast corner. The waste is overlain by up to approximately 4 feet of sand with gravel and clay. The waste is underlain by gray clay (bay mud). At the primary Turk Island Landfill, the waste material forms a flat-topped hill with elevations up to approximately ~~54~~52 feet relative to MSL. The waste materials in this portion of the Project site are estimated to be up to approximately 50 feet thick and are overlain by a soil cover approximately 4 feet thick.

- Page 7-12

The following revision is hereby made to Impact Geo-5 to correct the existing height of the main Turk Island Landfill.

Impact Geo-5: Cumulative Geology and Soils Impacts. Strong seismic ground shaking, liquefaction and densification during seismic ground shaking, and soil erosion during Project construction and post construction are common impacts to projects located in the vicinity. Because the Project also includes placement of fill and landfill wastes on an existing landfill that is up to approximately ~~46~~42 feet above surrounding street elevations (~~54~~52 feet above mean sea level), there is a potential for slope instability due to landfill material slopes as compared to natural hill slopes. The proposed Project is within an area of relatively recent residential development and contributes to a cumulative increase in sites facing these impacts.

- *Page 19-12*

The following revision is hereby made to remove the incorrect reference to “geosynthetic” clay in Mitigation Measure Haz-1a.

- Construction Quality Assurance Program including testing and observations to ensure the cover system meets engineering design and geotechnical requirements, which are expected to include a two foot thick soil foundation layer over the landfill materials and a ~~geosynthetic~~-clay layer covered with a vegetative soil layer that will be planted with grasses to control erosion and infiltration.

- *Page 19-16*

The following revisions are hereby added to update the actual and relative existing main Turk Island Landfill heights.

- *Page 9-16*

The following revisions to Mitigation Measure Hydro-4 are hereby added before revisions to Hydro-5 to clarify that the flood map may only require a Revision rather than an Amendment.

Mitigation Measure

Hydro-4: Obtain a Letter of Map Amendment or Revision. To demonstrate that proposed development of Parcel “C” would not result in impacts related to a flood hazard zone, the Applicant shall obtain a Letter of Map Amendment or Revision as determined by ~~from~~ FEMA to amend or revise the applicable flood map ~~FIRM 06001C0429G~~ to showing Parcel C outside the 100-year flood hazard area Zone AE based on survey data prior to issuance of the first Certificate of Occupancy.