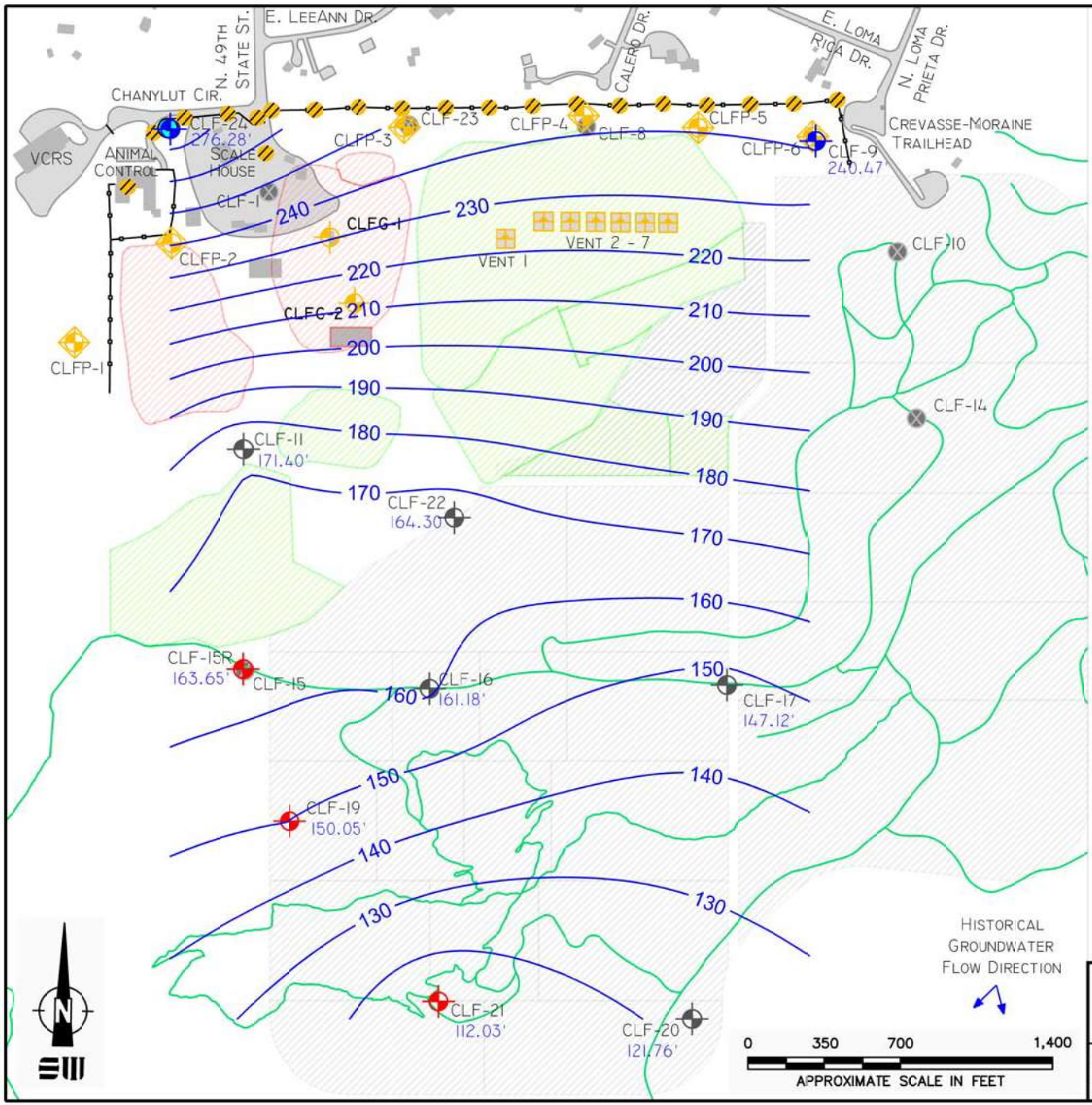


LEGEND

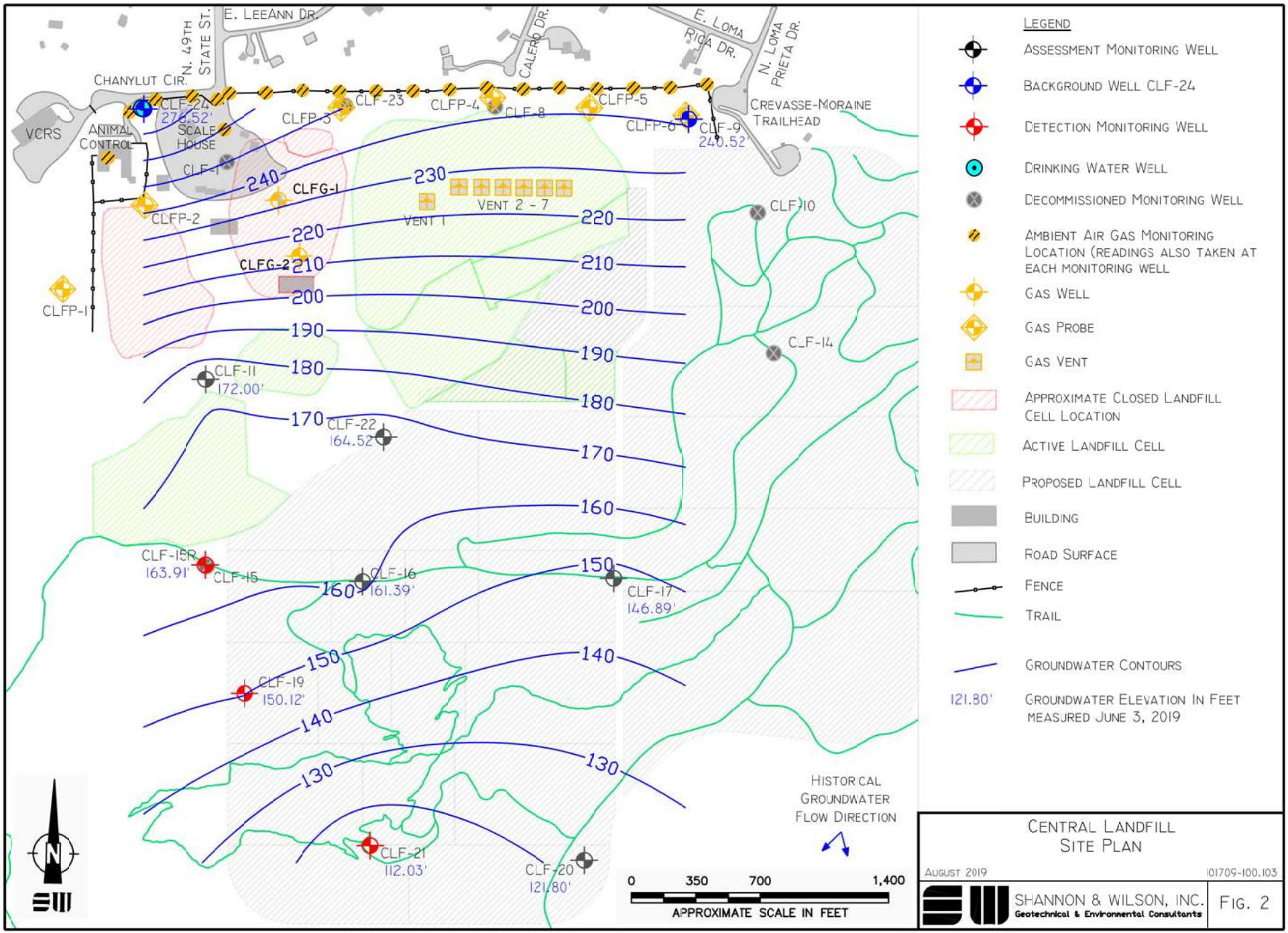
- ASSESSMENT MONITORING WELL
- BACKGROUND WELL
- DETECTION MONITORING WELL
- DRINKING WATER WELL
- DECOMMISSIONED MONITORING WELL
- AMBIENT AIR GAS MONITORING LOCATION (READINGS ALSO TAKEN AT EACH MONITORING WELL
- GAS WELL
- GAS PROBE
- GAS VENT
- APPROXIMATE CLOSED LANDFILL CELL LOCATION
- ACTIVE LANDFILL CELL
- PROPOSED LANDFILL CELL
- BUILDING
- ROAD SURFACE
- FENCE
- TRAIL
- GROUNDWATER CONTOURS
- 121.76' GROUNDWATER ELEVATION IN FEET MEASURED SEPTEMBER 9, 2019

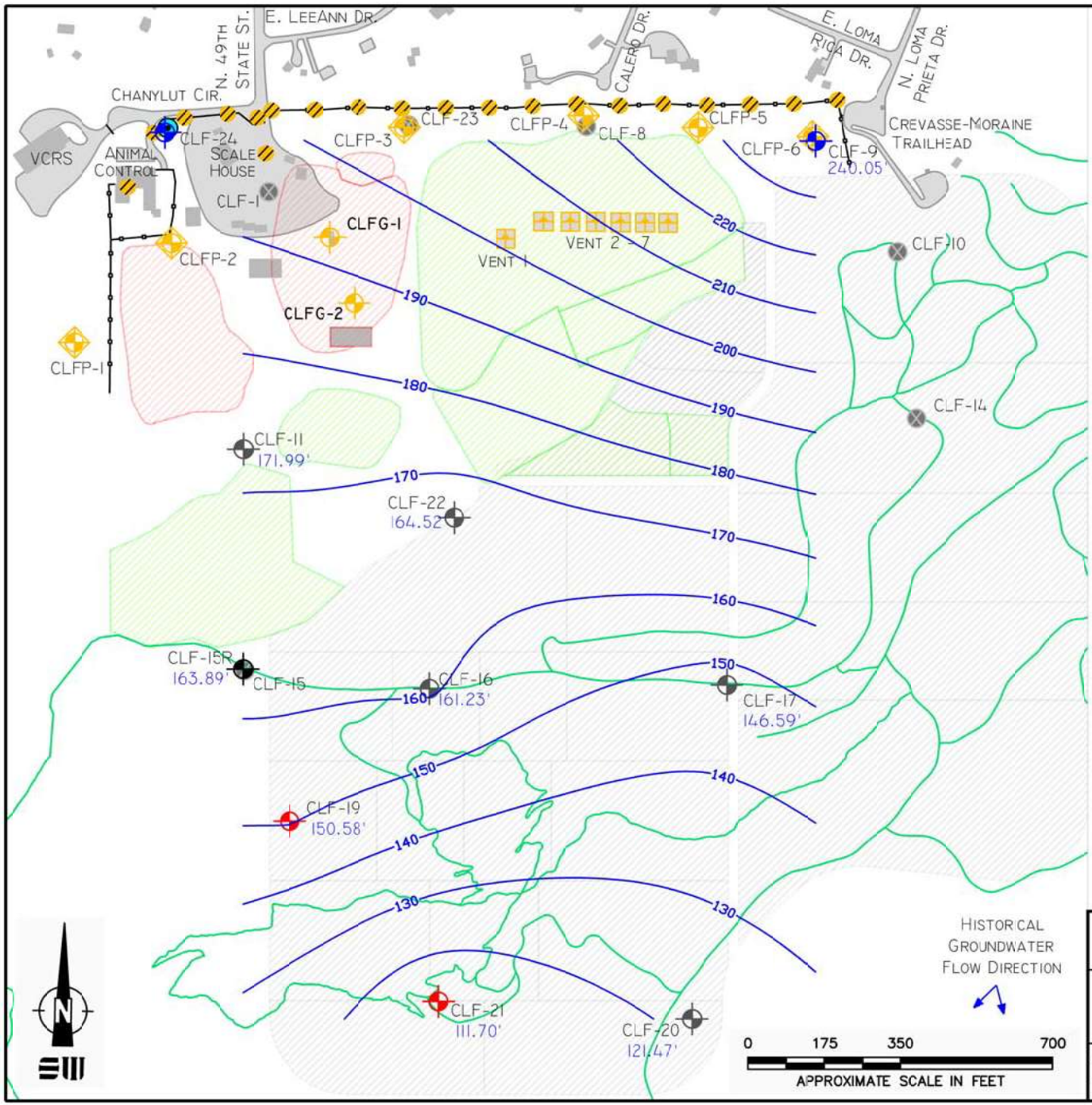
CENTRAL LANDFILL
SITE PLAN

NOVEMBER 2019 | 101709-120.123

SHANNON & WILSON, INC.
Geotechnical & Environmental Consultants

FIG. 2


E. LEEANN DR.
N. 49TH STATE ST.
CALERO DR.
E. LOMA RICA DR.
N. LOMA PRIETA DR.
CHANYLUT CIR.
VCRS
ANIMAL CONTROL
SCALE HOUSE
CREVASSE-MORAINE TRAILHEAD
CLF-24 276.52'
CLF-23
CLFP-3
CLFP-4
CLF-8
CLFP-5
CLFP-6
CLF-9 240.52'
CLF-1
CLFG-1
CLFP-2
CLFP-1
CLFG-2
VENT 1
VENT 2 - 7
CLF-10
CLF-14
CLF-11 172.00'
CLF-22 164.52'
CLF-15R 163.91'
CLF-15
CLF-16 161.39'
CLF-17 146.89'
CLF-19 150.12'
CLF-21 112.03'
CLF-20 121.80'
240
230
220
210
200
190
180
170
160
150
140
130
HISTORICAL GROUNDWATER FLOW DIRECTION
0 350 700 1,400
APPROXIMATE SCALE IN FEET
LEGEND
ASSESSMENT MONITORING WELL
BACKGROUND WELL CLF-24
DETECTION MONITORING WELL
DRINKING WATER WELL
DECOMMISSIONED MONITORING WELL
AMBIENT AIR GAS MONITORING LOCATION (READINGS ALSO TAKEN AT EACH MONITORING WELL
GAS WELL
GAS PROBE
GAS VENT
APPROXIMATE CLOSED LANDFILL CELL LOCATION
ACTIVE LANDFILL CELL
PROPOSED LANDFILL CELL
BUILDING
ROAD SURFACE
FENCE
TRAIL
GROUNDWATER CONTOURS
121.80' GROUNDWATER ELEVATION IN FEET MEASURED JUNE 3, 2019
CENTRAL LANDFILL SITE PLAN
AUGUST 2019
101709-100.103
SHANNON & WILSON, INC.
Geotechnical & Environmental Consultants
FIG. 2



LEGEND

- ASSESSMENT MONITORING WELL
- BACKGROUND WELL
  NOTE WELL CLF-24 IS A POTENTIAL BACKGROUND WELL
- DETECTION MONITORING WELL
- DRINKING WATER WELL
- DECOMMISSIONED MONITORING WELL
- AMBIENT AIR GAS MONITORING LOCATION (READINGS ALSO TAKEN AT EACH MONITORING WELL
- GAS WELL
- GAS PROBE
- GAS VENT
- APPROXIMATE CLOSED LANDFILL CELL LOCATION
- ACTIVE LANDFILL CELL
- PROPOSED LANDFILL CELL
- BUILDING
- ROAD SURFACE
- FENCE
- TRAIL
  MEASURED MARCH 19, 2019
- GROUNDWATER CONTOURS
- 240.02' GROUNDWATER ELEVATION IN FEET

CENTRAL LANDFILL
PALMER, ALASKA

SITE PLAN

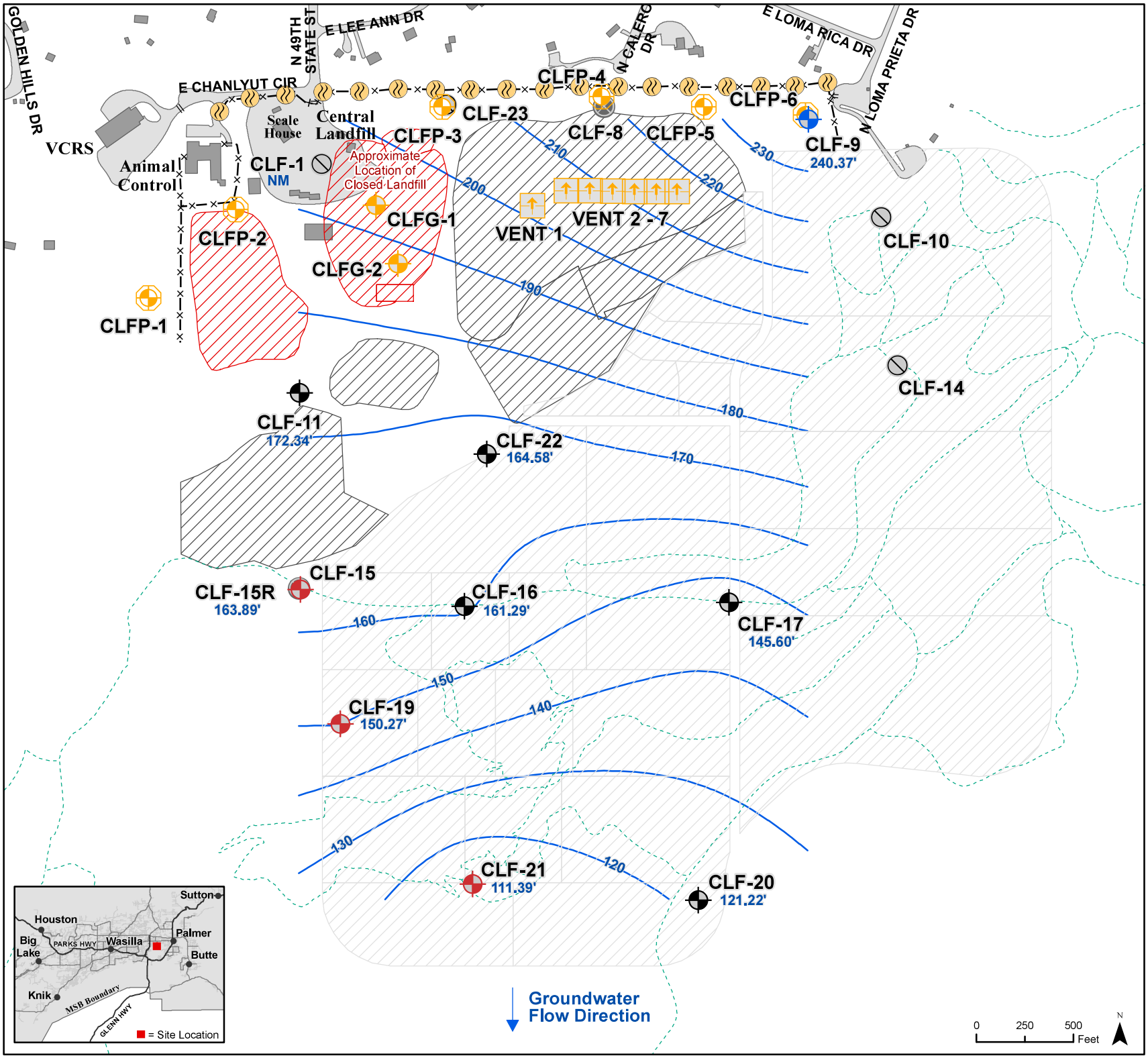
JUNE 2019

101709-100.103

SHANNON & WILSON, INC.
Geotechnical & Environmental Consultants

FIG. 2

Central Landfill Site Plan



Legend

Monitoring Sites

- Assessment Well
- Background Well
- Detection Well
- Gas Monitoring Well
- Gas Probe
- Ambient Air Gas Monitoring
- Gas Vent
- Inactive Monitoring Well
- Decommissioned Well

Landfill Cells

- Closed
- Active
- Proposed

Other Map Features

- Building
- Surface
- Groundwater Contours
- Gate
- Fence

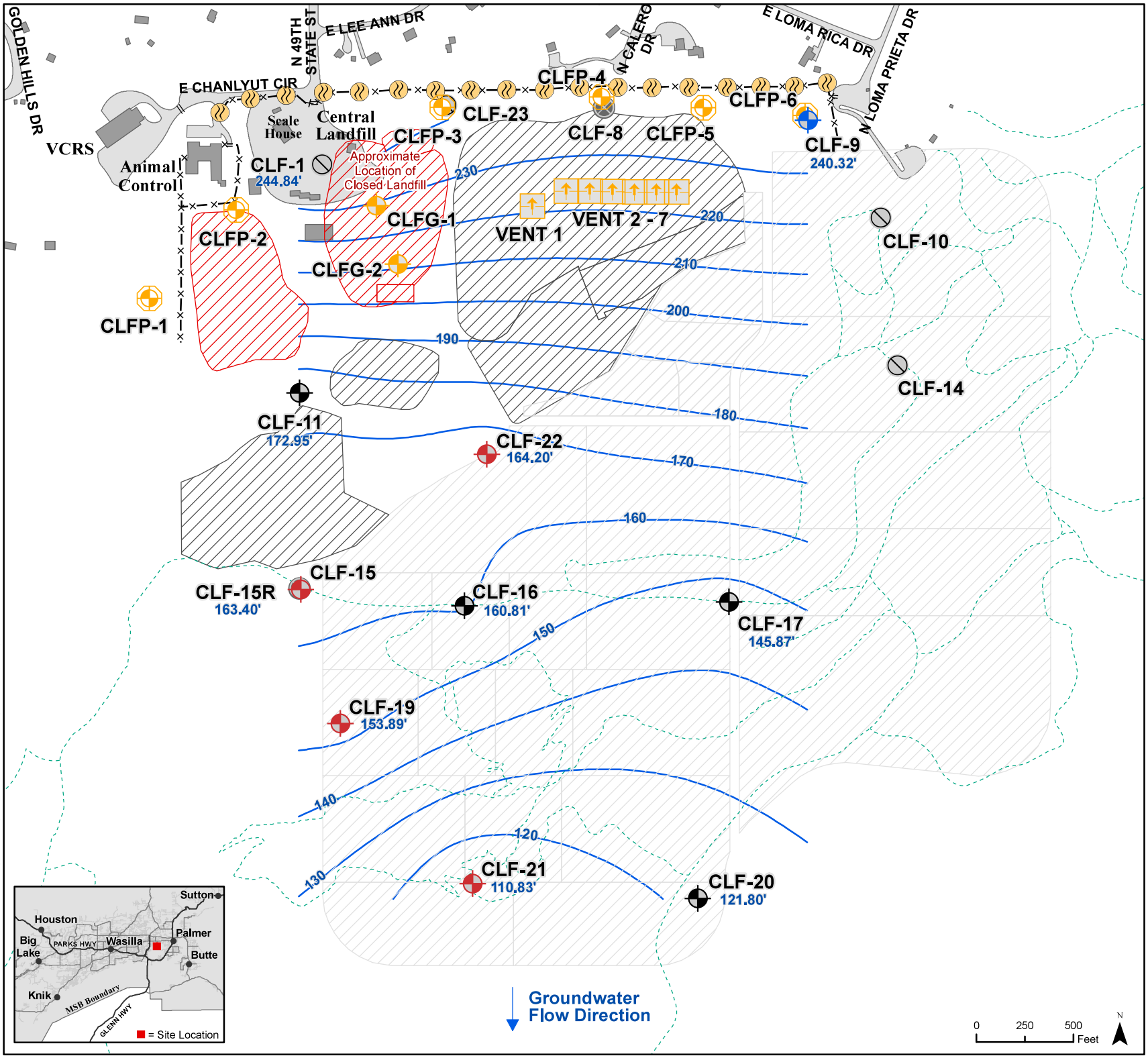
MSB GIS Division - March 2019

This map is solely for informational purposes only. The Borough makes no express or implied warranties with respect to the character, function, or capabilities of the map or the suitability of the map for any particular purpose beyond those originally intended by the Borough. For information regarding the full disclaimer and policies related to acceptable uses of this map, please contact the Matanuska-Susitna Borough GIS Division at 907-861-7801.

M:\Product\Public_Works\Solid_Waste\Monitoring_Sites\Projects_and_Maps\Monitoring_Sites_Reporting_Mapbook.mxd

FIGURE 2

Central Landfill Site Plan



Legend

Monitoring Sites

- Assessment Well
- Background Well
- Detection Well
- Gas Monitoring Well
- Gas Probe
- Ambient Air Gas Monitoring
- Gas Vent
- Inactive Monitoring Well
- Decommissioned Well

Landfill Cells

- Closed
- Active
- Proposed

Other Map Features

- Building
- Surface
- Groundwater Contours
- Gate
- Fence

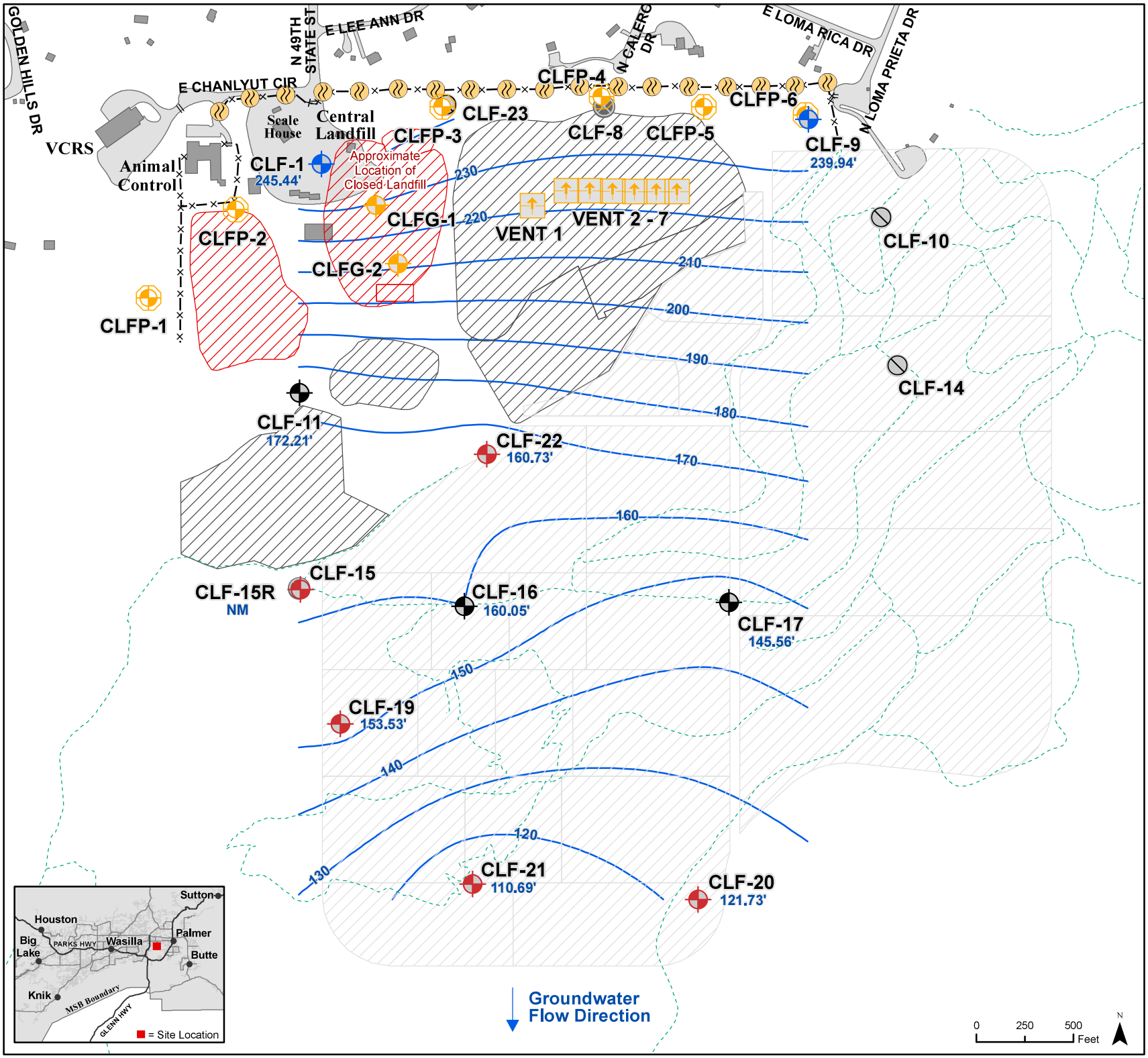
MSB GIS Division - Dec 2018

This map is solely for informational purposes only. The Borough makes no express or implied warranties with respect to the character, function, or capabilities of the map or the suitability of the map for any particular purpose beyond those originally intended by the Borough. For information regarding the full disclaimer and policies related to acceptable uses of this map, please contact the Matanuska-Susitna Borough GIS Division at 907-861-7801.

M:\Product\Public_Works\Solid_Waste\Monitoring_Sites\Projects_and_Maps\Monitoring_Sites_Reporting_Mapbook.mxd

FIGURE 2

Central Landfill Site Plan



Legend

Monitoring Sites

- Assessment Well
- Background Well
- Detection Well
- Monitoring Well
- Gas Monitoring Well
- Gas Probe
- Ambient Air Gas Monitoring
- Gas Vent
- Inactive Monitoring Well
- Decommissioned Well

Landfill Cells

- Closed
- Active
- Proposed

Other Map Features

- Building
- Surface
- Groundwater Contours
- Gate
- Fence
- 145.56' Groundwater Elevation Measured June 2018
- NM Groundwater Elevation Not Measured

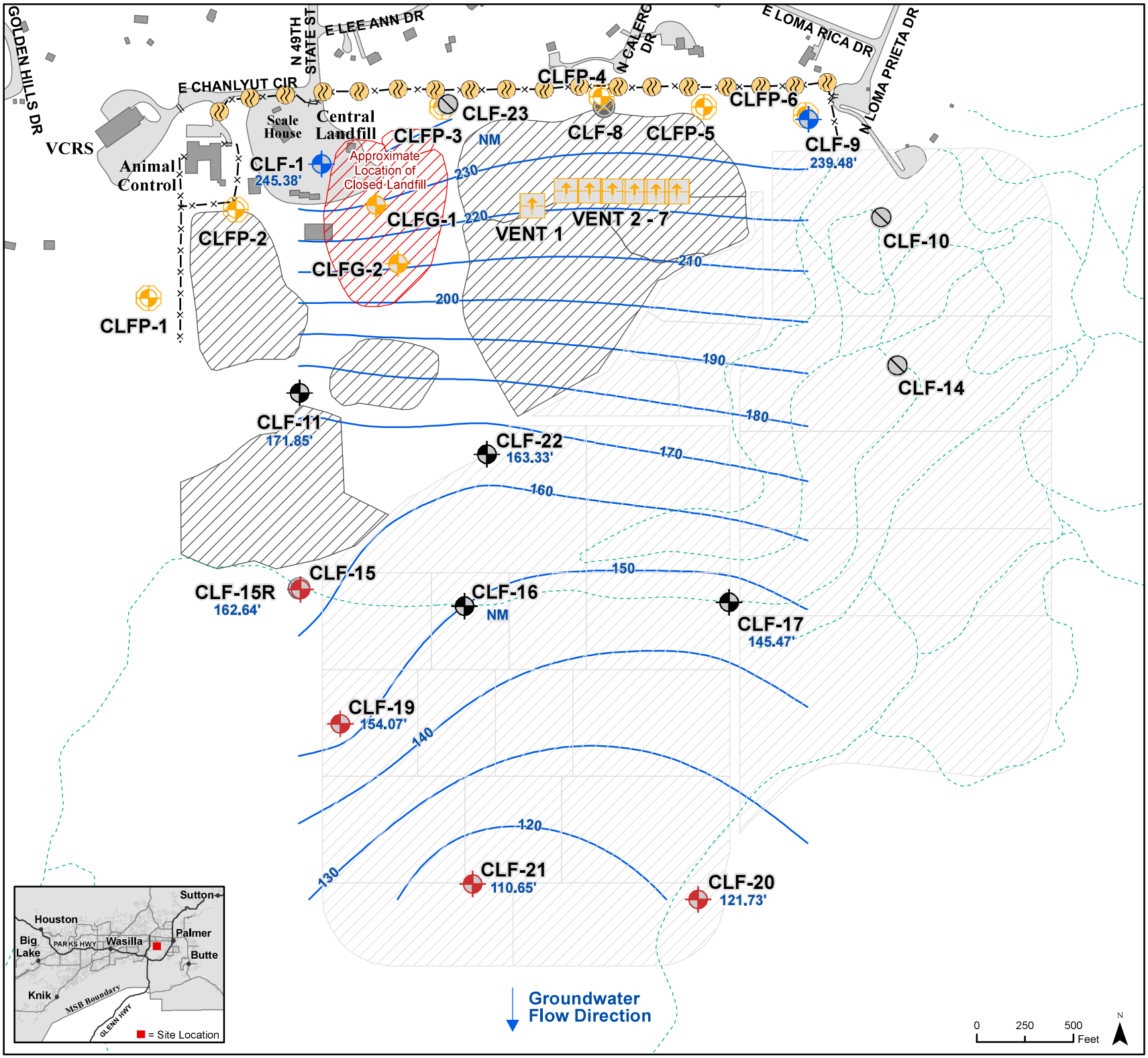
MSB GIS Division - Sept. 2018

This map is solely for informational purposes only. The Borough makes no express or implied warranties with respect to the character, function, or capabilities of the map or the suitability of the map for any particular purpose beyond those originally intended by the Borough. For information regarding the full disclaimer and policies related to acceptable uses of this map, please contact the Matanuska-Susitna Borough GIS Division at 907-861-7801.

C:\Users\kell0471\Desktop\Landfill_Monitoring\Projects_Maps\Monitoring_Sites_Reporting_Mapbook.mxd

FIGURE 2

Central Landfill Site Plan



Legend

Monitoring Sites

- Assessment Well
- Background Well
- Detection Well
- Gas Monitoring Well
- Gas Probe
- Ambient Air Gas Monitoring
- Gas Vent
- Inactive Monitoring Well
- Decommissioned Well

Landfill Cells

- Closed
- Active
- Proposed

Other Map Features

- Building
- Road Surface
- Groundwater Contours
- Gate
- Fence
- NM Groundwater Elevation Not Measured
- 110.65' Groundwater Elevation Measured March 2018

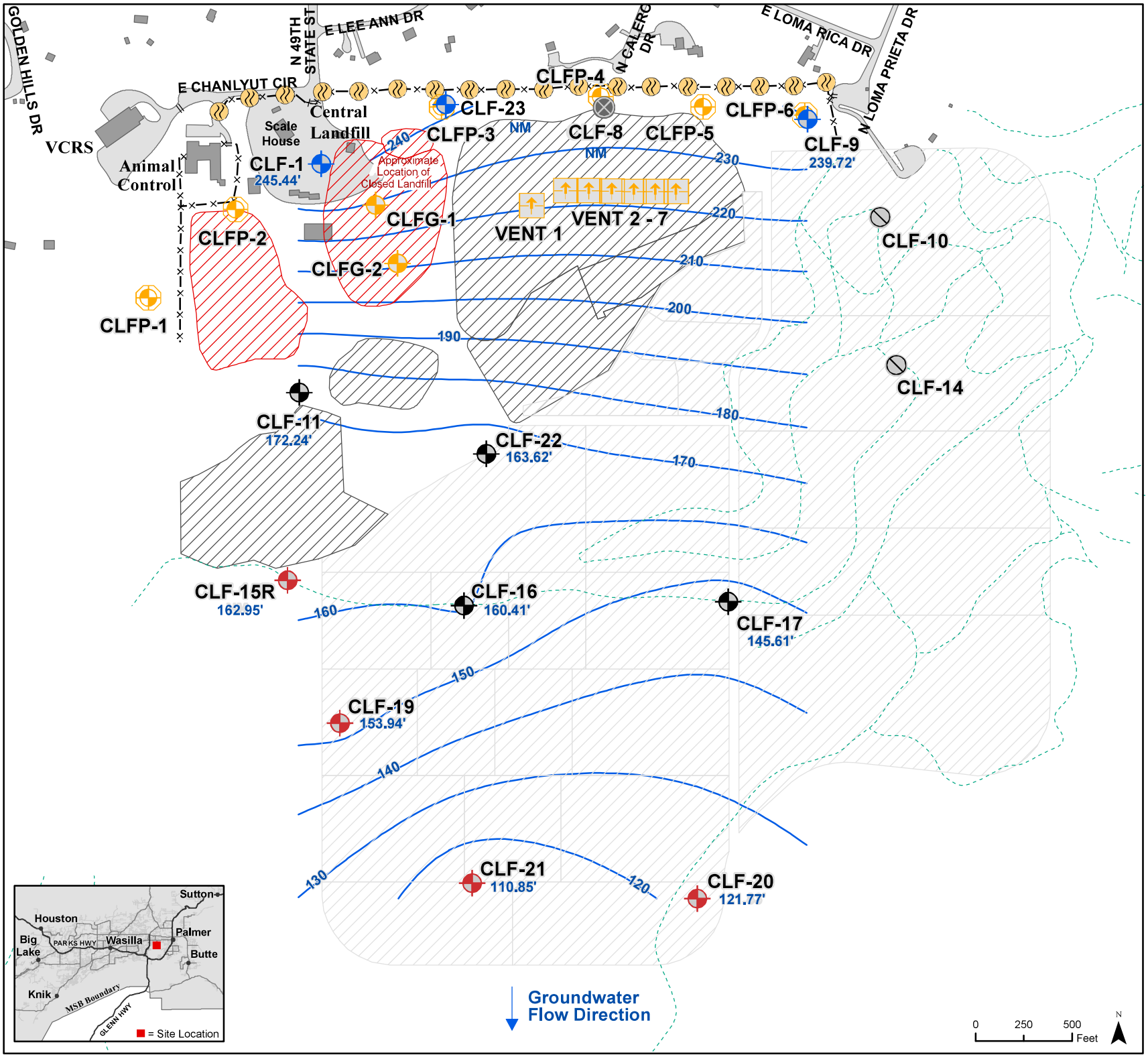
MSB GIS Division - June 2018

This map is solely for informational purposes only. The Borough makes no express or implied warranties with respect to the character, function, or capabilities of the map or the suitability of the map for any particular purpose beyond those originally intended by the Borough. For information regarding the full disclaimer and policies related to acceptable uses of this map, please contact the Matanuska-Susitna Borough GIS Division at 907-861-7801.

M:\Gis\Product\Public_Works\Solid_Waste\Monitoring_Sites\Projects_and_Maps\Monitoring_Sites_Reporting_Mapbook.mxd

FIGURE 2

Central Landfill Site Plan



Legend

Monitoring Sites

- Assessment Well
- Background Well
- Detection Well
- Gas Monitoring Well
- Gas Probe
- Ambient Air Gas Monitoring
- Gas Vent
- Inactive Monitoring Well
- Decommissioned Well

Landfill Cells

- Closed
- Active
- Proposed

Other Map Features

- Building
- Road Surface
- Groundwater Contours
- Gate
- Fence

MSB GIS Division - Mar. 2018

This map is solely for informational purposes only. The Borough makes no express or implied warranties with respect to the character, function, or capabilities of the map or the suitability of the map for any particular purpose beyond those originally intended by the Borough. For information regarding the full disclaimer and policies related to acceptable uses of this map, please contact the Matanuska-Susitna Borough GIS Division at 907-861-7801.

M:\Gis\Product\Public_Works\Solid_Waste\Monitoring_Sites\Projects_and_Maps\2016_Monitoring_Sites_Reporting_Mapbook.mxd

FIGURE 2