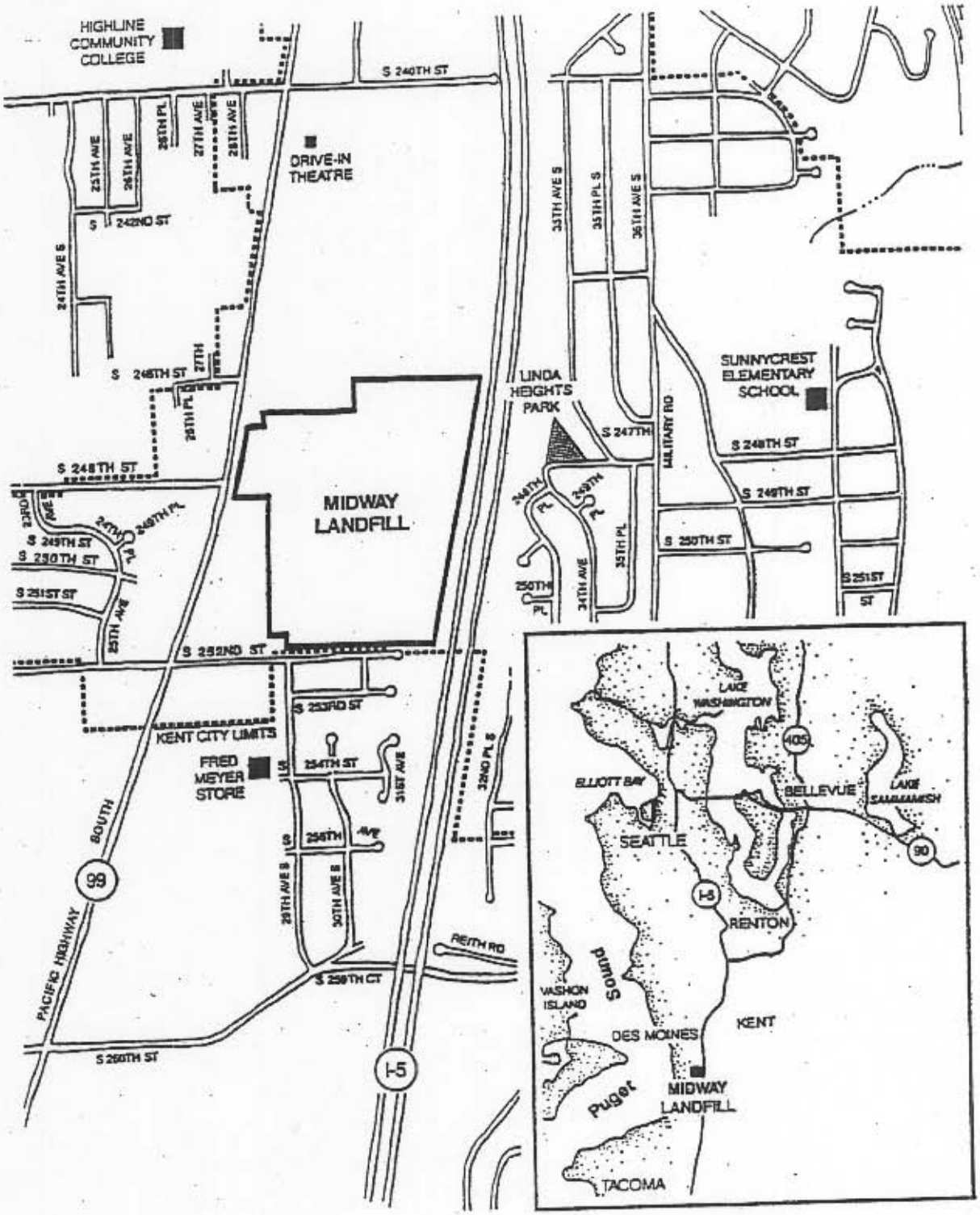
Figures



Parametrix Midway Landfill/555-1550-039/01(01A2) 11/04 (B)

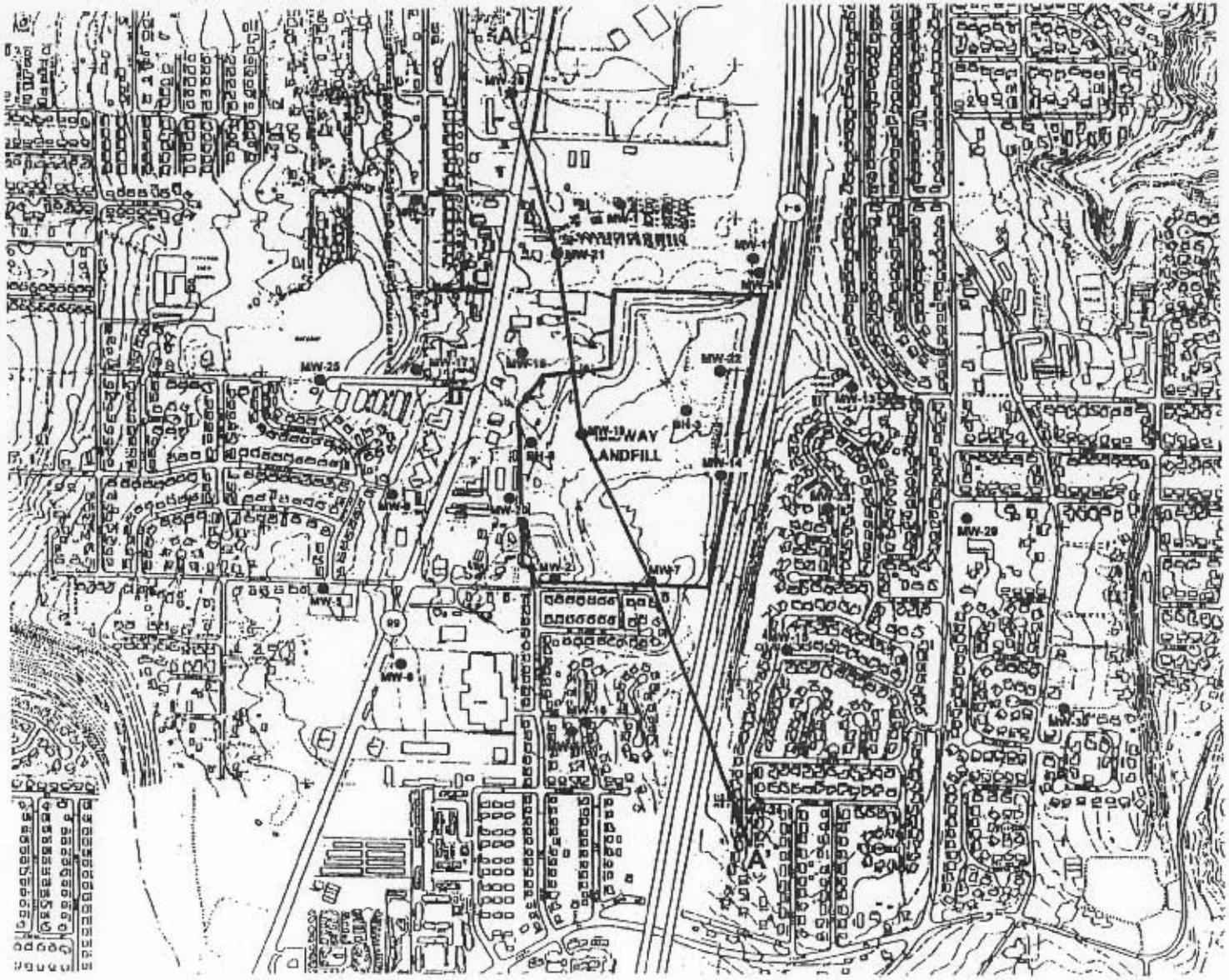
SCALE IN FEET

0 50 100

N

Figure 1
Site Location Map
Midway Landfill
Kent, Washington

Source: Parametrix, 2005b.



Source: Parametrix, 2005b

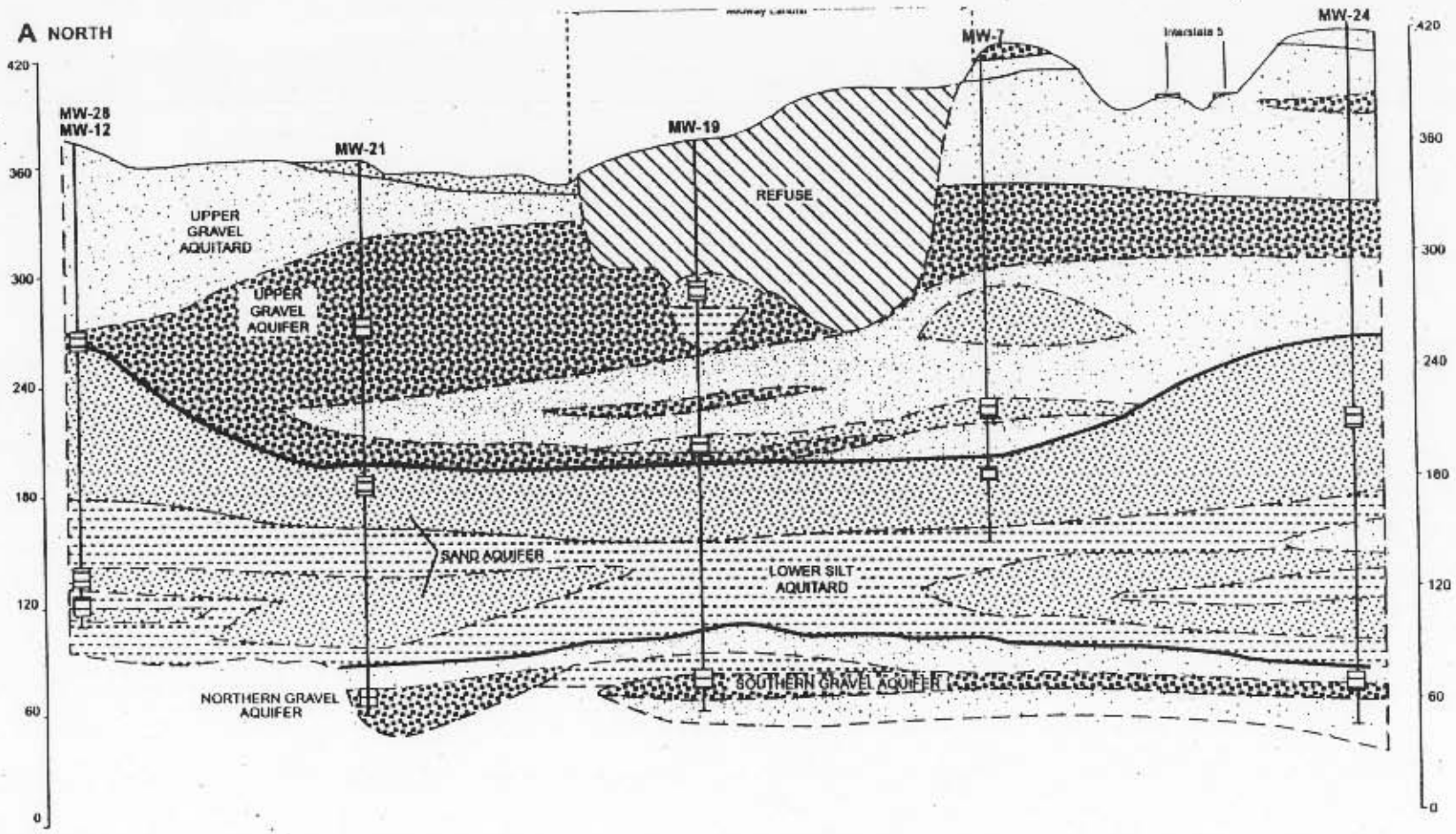
Figure 2
Line of Geologic Section Map
Midway Landfill
Kent, Washington

Base Map Source: AGI (1990)a

SCALE IN FEET
0 300 600

N

Midway Landfill/5b5-1550 039 (01A2) 6/00 (K)



Midway/555-1550-037(04) 4/05 (K)

Source: Geology From AGI (1988)

MW-10 — Well number

Land surface

Approximate water elevation on 4/12/99 - 4/15/99

Screened interval

Major stratigraphic unit contact

Geologic contact

Base of boring

Municipal landfill refuse

Poorly sorted mixture of silt, sand, and gravel

Sand and gravel

Sand

Silt, clay, and silty fine sand

Organic sediments

HORIZONTAL SCALE IN FEET

0 200 400

NOTES: This cross section is a diagrammatic interpretation of sub-surface conditions based on interpolation and extrapolation between borings. Geologic and hydrologic conditions are substantially more complex than depicted.

Cross - Parametric 2005b

Figure 3
Generalized Cross Section of Monitoring Units
Midway Landfill
Kent, Washington

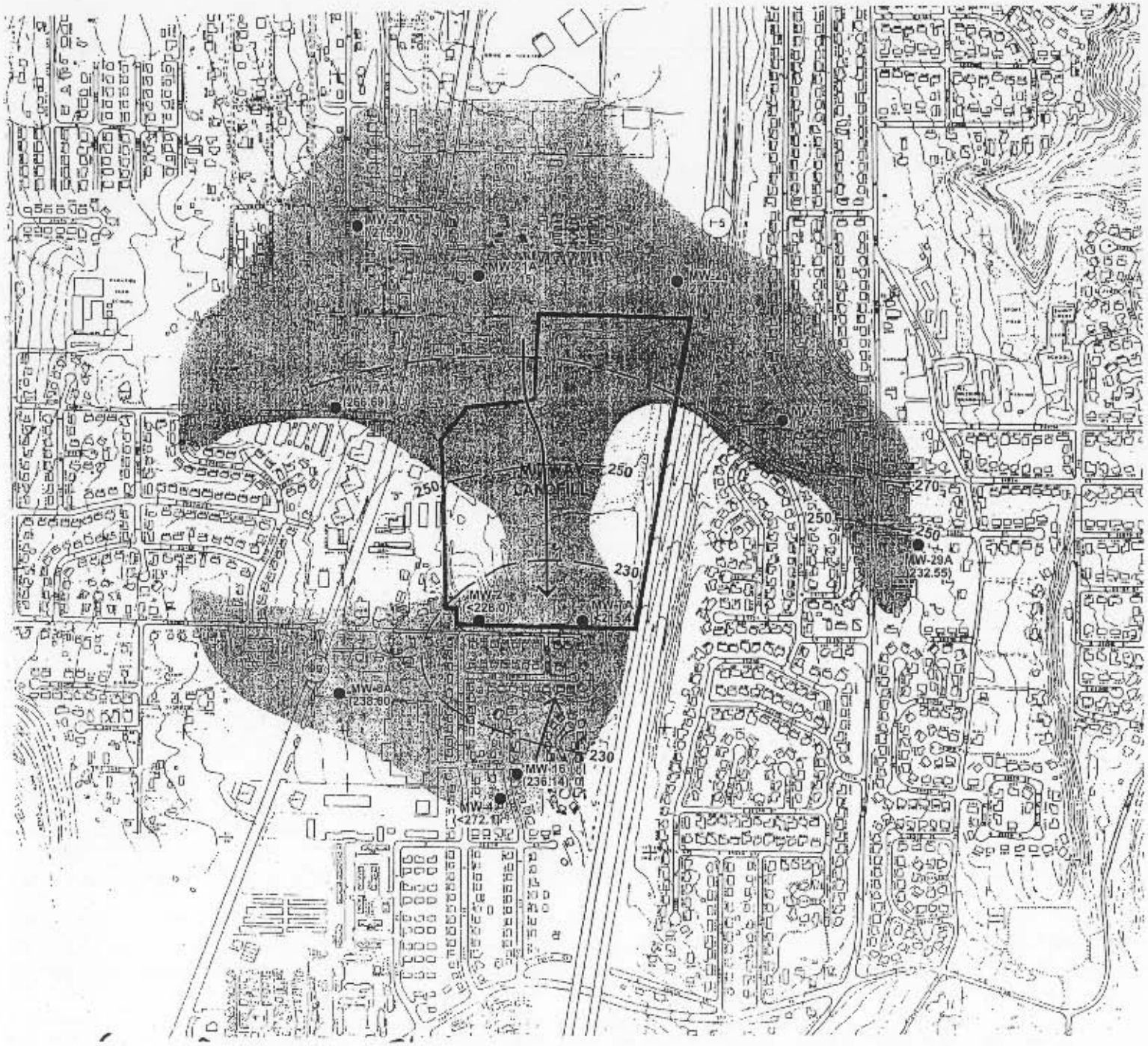


Figure 4
Generalized Upper Gravel Aquifer Potentiometric Surface Map, March 2005
Midway Landfill
Kent, Washington

MW-7A ●	Upper Gravel Aquifer Monitoring Well Number and Approximate Location
—260—	Approximate Potentiometric Surface Contour (in feet)
(195.0)	Measured Groundwater Elevation in Feet March 28-29, 2005
←	General Direction of Groundwater Flow
NM	Water Level Not Measured
(<188.7)	Well was Dry, Elevation is Elevation of Bottom of Well
	Inferred Extent of Upper Gravel Aquifer

Base Map Source: Supplemental Hydrogeologic and Hydrochemical Investigation, AGI 1990

SCALE IN FEET
0 300 600

N

Parametrix Midway Landfill/555-1550-04 (02/10) 4/05 (0)

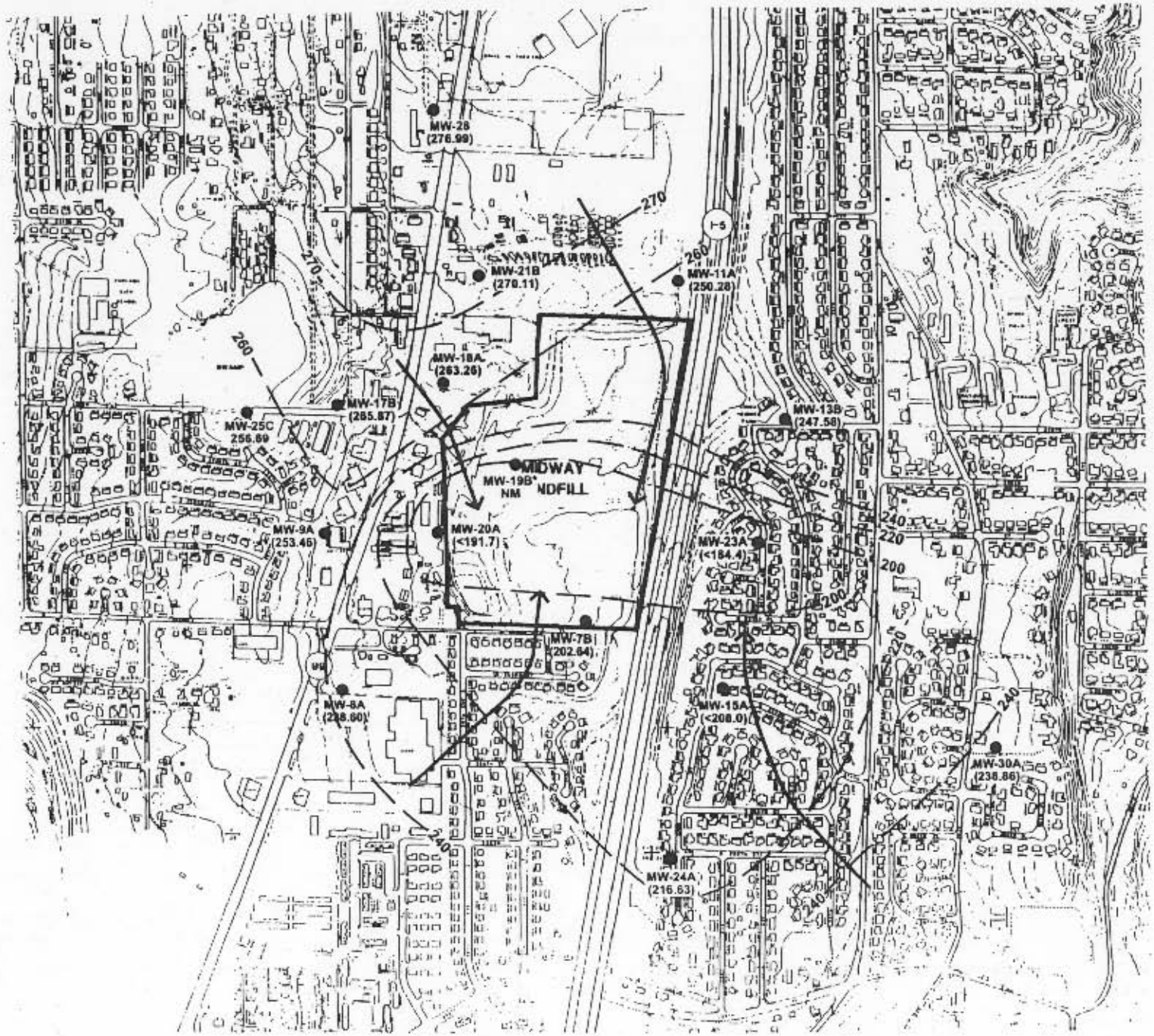


Figure 5
Generalized Sand Aquifer Potentiometric Surface Map, March 2005
Midway Landfill
Kent, Washington

MW-11A ●	Sand Aquifer Monitoring Well Number and Approximate Location
—220—	Approximate Potentiometric Surface Contour (in feet)
(195.0)	Measured Groundwater Elevation in Feet March 28-29, 2005
←	General Direction of Groundwater Flow
NM	Water Level Not Measured
(<184.0)	Well was Dry, Elevation is Elevation of Bottom of Well
*	Although MW-19B is Used for Groundwater Chemistry Monitoring in the UGA, Water Elevations in this Well are Considered Representative of the SA

Source: Parametrix, 2005b

Base Map Source: Supplemental Hydrogeologic and Hydrochemical Investigation, AGI 1990

SCALE IN FEET
0 300 600

N

Parametrix, Inc.

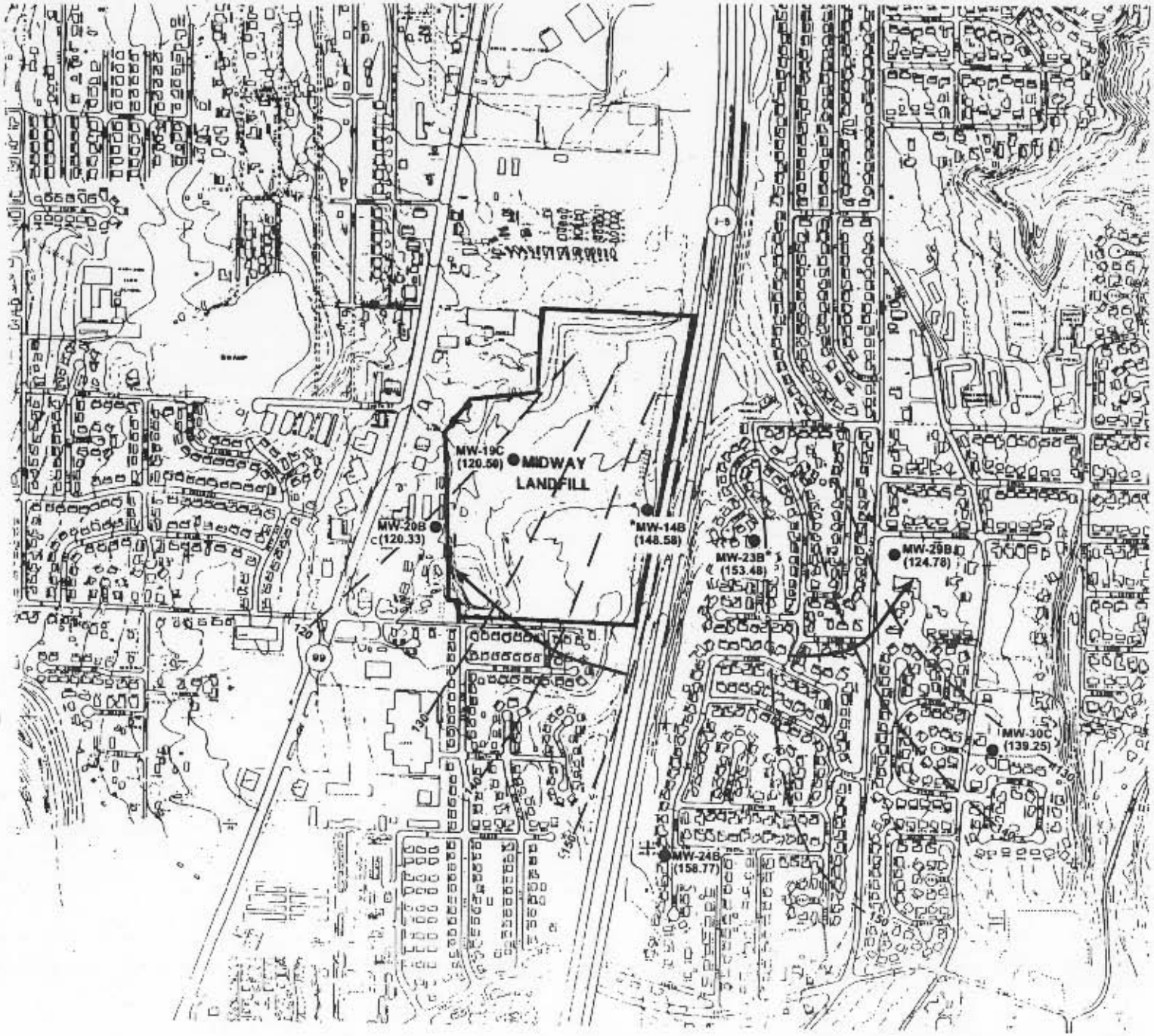


Figure 6
Generalized Southern Gravel Aquifer Potentiometric Surface Map March 2005
Midway Landfill
Kent, Washington

MW-14B ●	Southern Gravel Aquifer Monitoring Well Number and Approximate Location
—220—	Approximate Potentiometric Surface Contour (in feet)
(195.0)	Measured Groundwater Elevation in Feet March 28-29, 2005
←	General Direction of Groundwater Flow
*	Groundwater Level in These Wells Calculated Using Air Pressure Measurements at the Wellheads

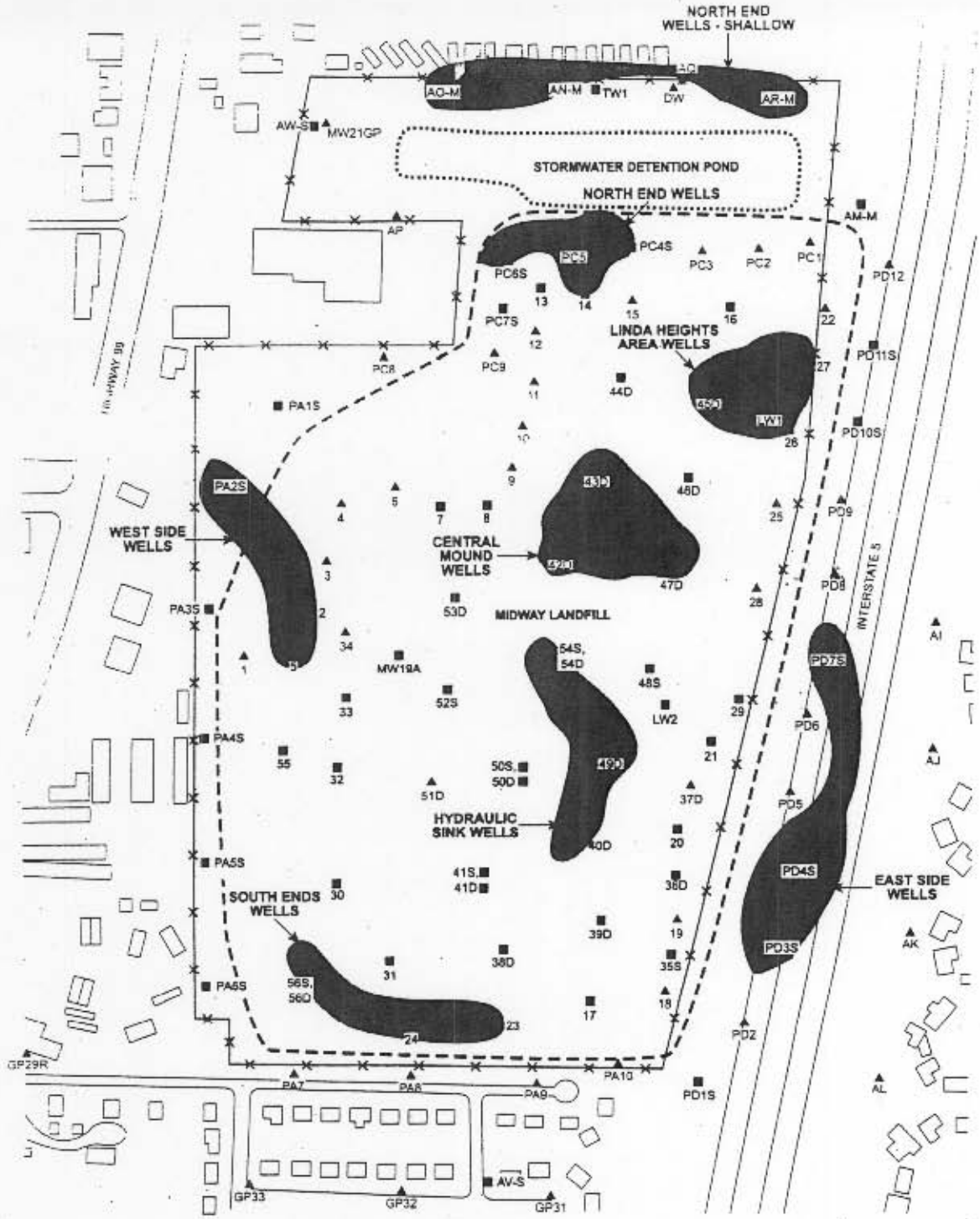
Source: Parametrix, 2005b

Base Map Source: Supplemental Hydrogeologic and Hydrochemical Investigation, AGI 1990

SCALE IN FEET
0 300 600

N

Parametrix



Base Map Source: City of Seattle Department of Engineering
Midway Landfill Vicinity Map, 5-15-86

Parametrix Midway/Groundwater Monitoring Plan/555-1550-041/02(10) 4/05 (B)

23 — Gas probe, gas extraction well, or groundwater monitoring well number and location. Included in monitoring network. Monitoring frequency twice per year.

GP33 — Gas probe, gas extraction well, or groundwater monitoring well number and location. Not included in monitoring network.

17 — Gas probe, gas extration well, or groundwater monitoring well number and location. Included in monitoring network. Monitoring frequency once every other year.

Approximate limit of refuse

Fenced site boundary

SCALE IN FEET
0 125 250

N

Figure 7
Shallow Groundwater/ Saturated Refuse Fluid Level Monitoring Network
Midway Landfill
Kent, Washington

Source: Parametrix, 2005b

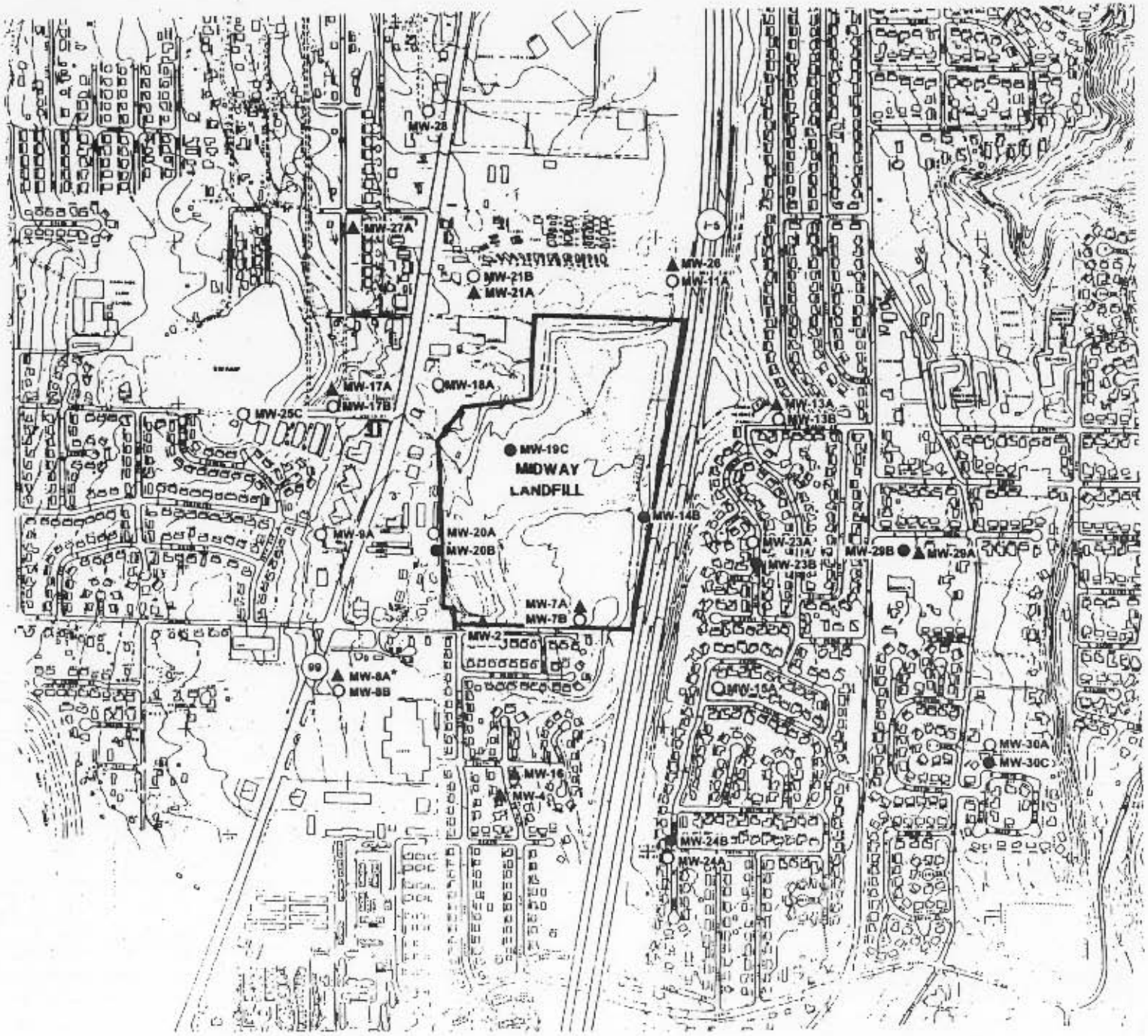


Figure 8
Upper Gravel Aquifer, Sand Aquifer and Southern Gravel Aquifer Fluid Level Monitoring Network
Midway Landfill
Kent, Washington

▲ Upper Gravel Aquifer Monitoring Well
○ Sand Aquifer Monitoring Well
● Southern Gravel Aquifer Monitoring Well

* MW-8A is screened at the contact between the UGA and SA. Fluid levels in this well are considered representative of the UGA and the SA.

Source: Parametrix, 2005b

Base Map Source: Supplemental Hydrogeologic and Hydrochemical Investigation, AGI 1990

SCALE IN FEET
0 300 600

N

Parametrix Midway Landfill 555-1550 (04/02/10) 4/05 (8)

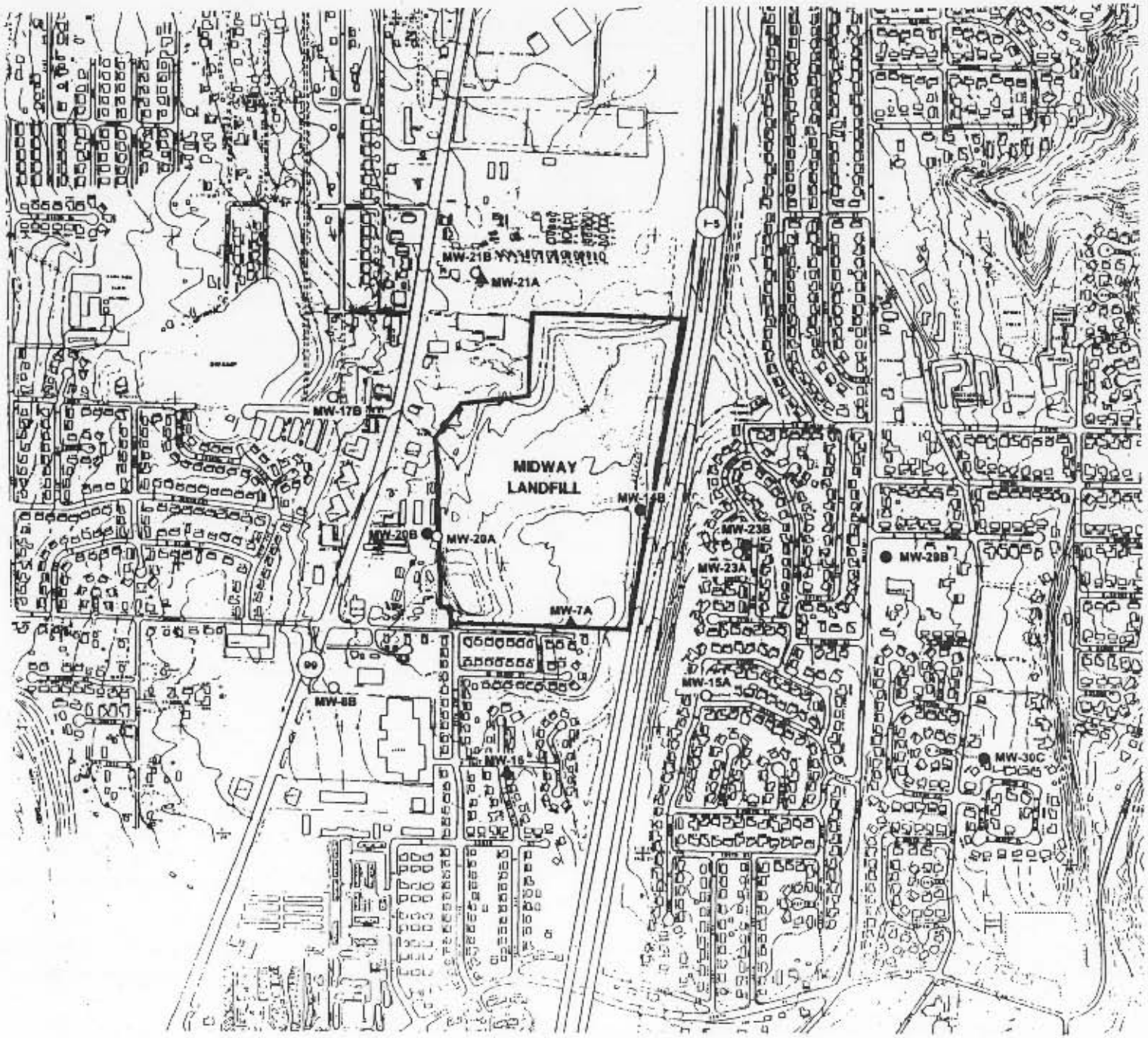


Figure 9
Well Locations for Groundwater Chemistry Monitoring
Midway Landfill
Kent, Washington

MW-16 ▲ Upper Gravel Aquifer Monitoring Well Number and Approximate Location

MW-17B ○ Sand Aquifer Monitoring Well Number and Approximate Location

MW-14B ● Southern Gravel Aquifer Monitoring Well Number and Approximate Location

Source: Parametrix, 2005b

Base Map Source: Supplemental Hydrogeologic and Hydrochemical Investigation, AGI, 1990

SCALE IN FEET
0 300 600

N

Parametrix, Inc.