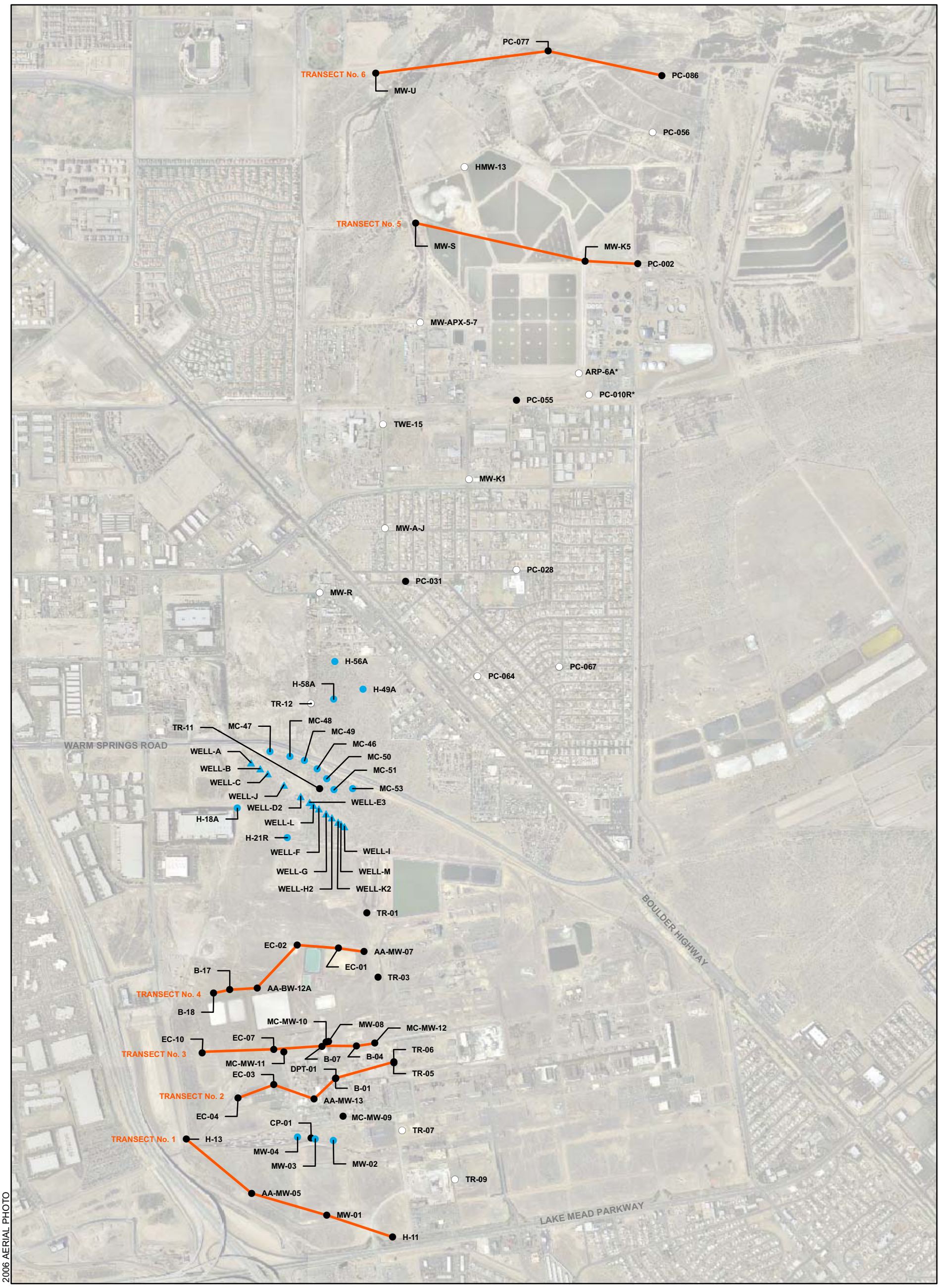


EXPLANATION

QUARTERLY GROUNDWATER MONITORING PROGRAM LOCATION

- **B-17** — MONITOR WELL GROUNDWATER QUALITY AND WATER LEVEL MONITORING LOCATION
- **MW-A-J** — MONITOR WELL WATER LEVEL MONITORING LOCATION

*** = Well APR-6A replaces well PC-010R starting in the first quarter 2007**

ROUTINE GROUNDWATER MONITORING LOCATION

- **MC-47** — MONITOR WELL CONSENT ORDER WELLS / TRANSECT WELLS / CLOSED POND WELLS
- **WELL-A** — EXTRACTION WELL
- TRANSECT

N

0 750 1,500
Feet

MONTROSE CHEMICAL CORPORATION OF CALIFORNIA
HENDERSON, NEVADA

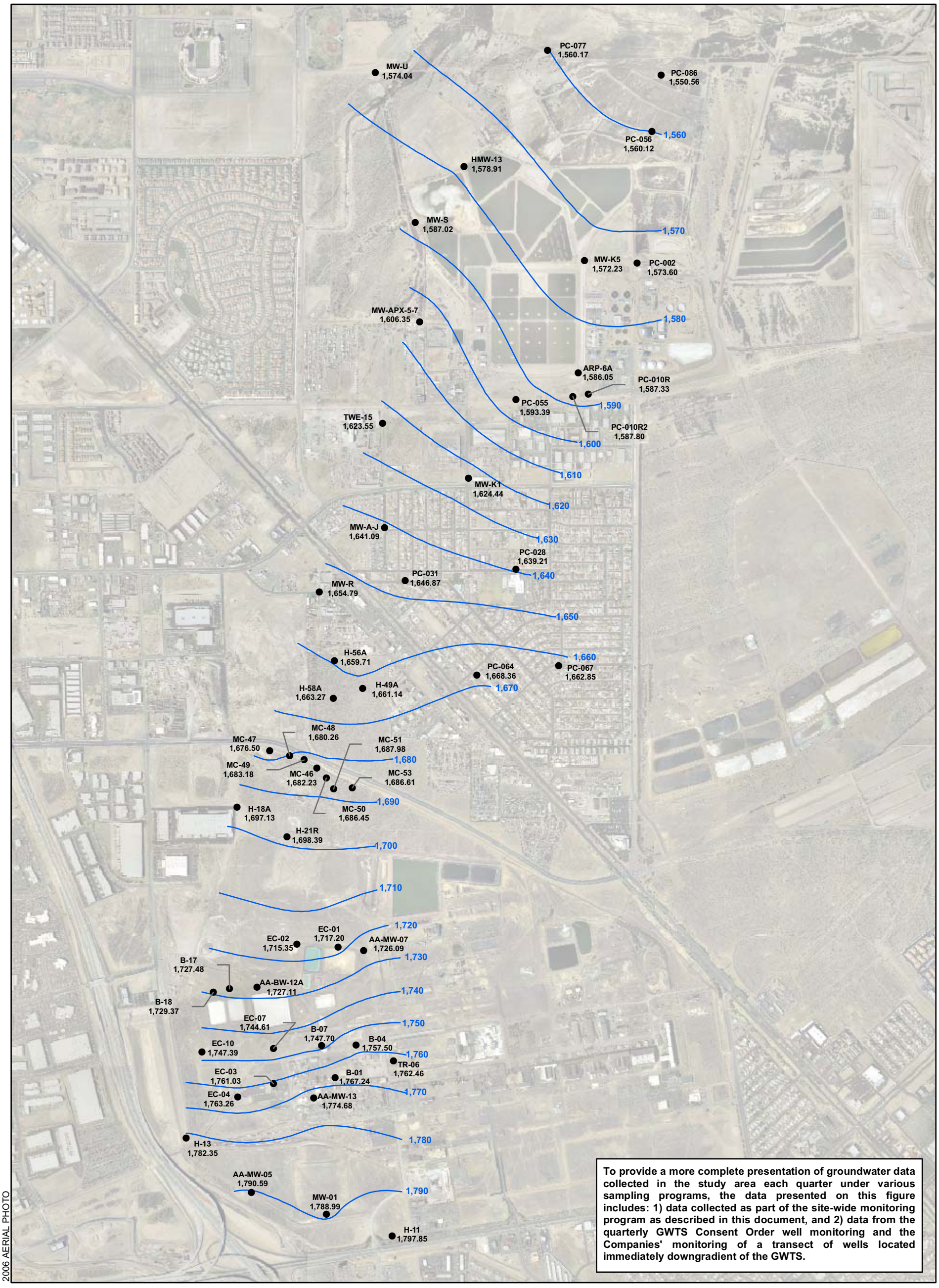
QUARTERLY GROUNDWATER MONITORING WORKPLAN STUDY AREA

HARGIS + ASSOCIATES, INC.
HYDROGEOLOGY • ENGINEERING

03/27/2007

FIGURE 1

PREP BY RGW REV BY BRW RPT NO 754.28 StudyArea.mxd



To provide a more complete presentation of groundwater data collected in the study area each quarter under various sampling programs, the data presented on this figure includes: 1) data collected as part of the site-wide monitoring program as described in this document, and 2) data from the quarterly GWTS Consent Order well monitoring and the Companies' monitoring of a transect of wells located immediately downgradient of the GWTS.

EXPLANATION

● H-11 1,797.85 — MONITOR WELL WATER LEVEL ELEVATION IN FEET ABOVE MEAN SEA LEVEL

1,790 — APPROXIMATE CONTOUR LINE OF EQUAL WATER LEVEL ELEVATION IN FEET ABOVE MEAN SEA LEVEL

N

0 750 1,500
Feet

MONTROSE CHEMICAL CORPORATION OF CALIFORNIA

HENDERSON, NEVADA

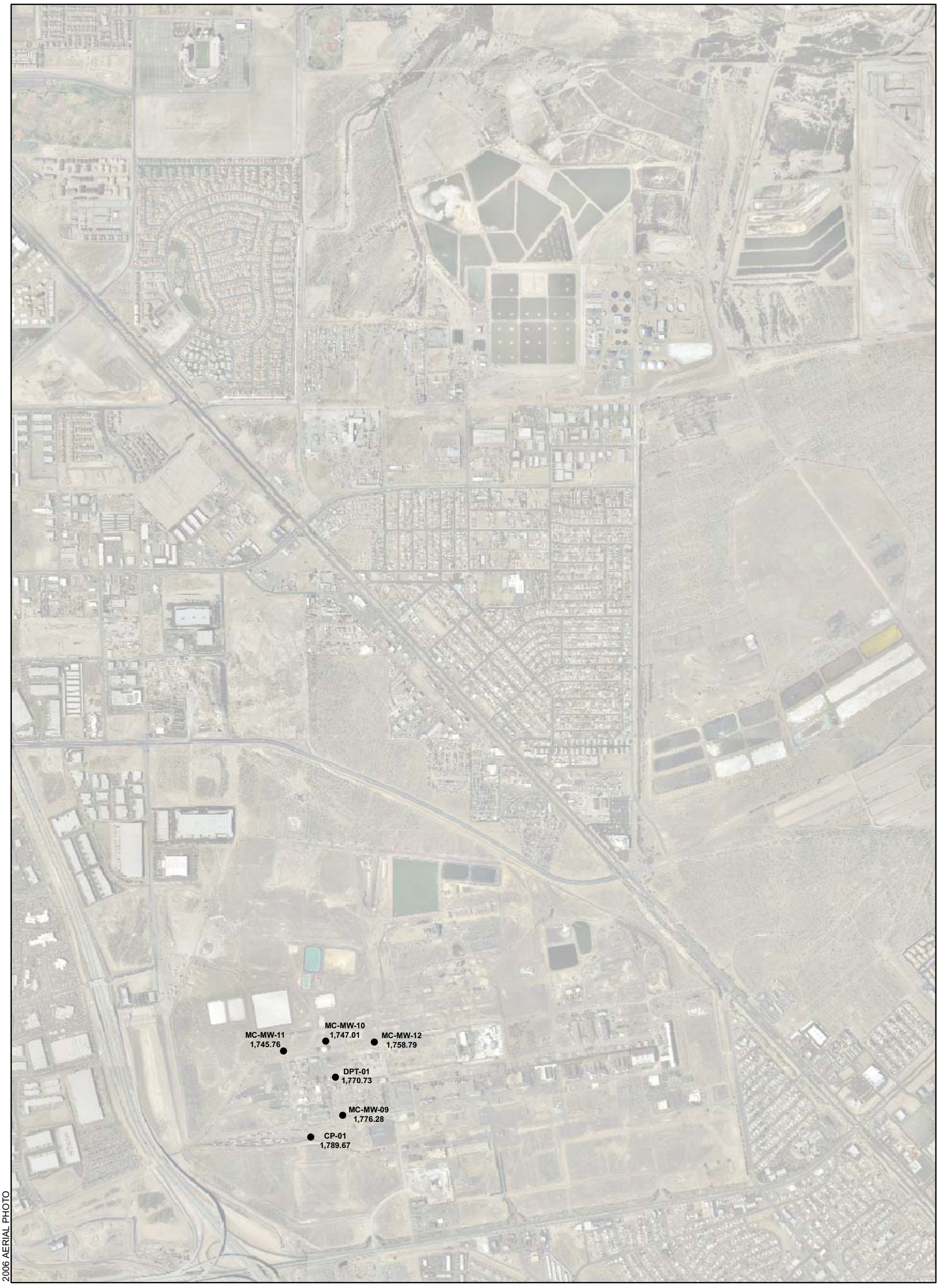
WATER LEVELS
ALLUVIAL AQUIFER
FIRST QUARTER 2007

HARGIS + ASSOCIATES, INC.
HYDROGEOLOGY • ENGINEERING

03/27/2007

FIGURE 2

PREP BY RGW REV BY BRW RPT NO 754.28 WLs-Alluvial.mxd



2006 AERIAL PHOTO

EXPLANATION

● **CP-01 1,789.67** MONITOR WELL WATER LEVEL ELEVATION IN FEET ABOVE MEAN SEA LEVEL

N

0 750 1,500

Feet

MONTROSE CHEMICAL CORPORATION OF CALIFORNIA

HENDERSON, NEVADA

WATER LEVELS
SECOND WATER-BEARING ZONE
FIRST QUARTER 2007

HARGIS + ASSOCIATES, INC.
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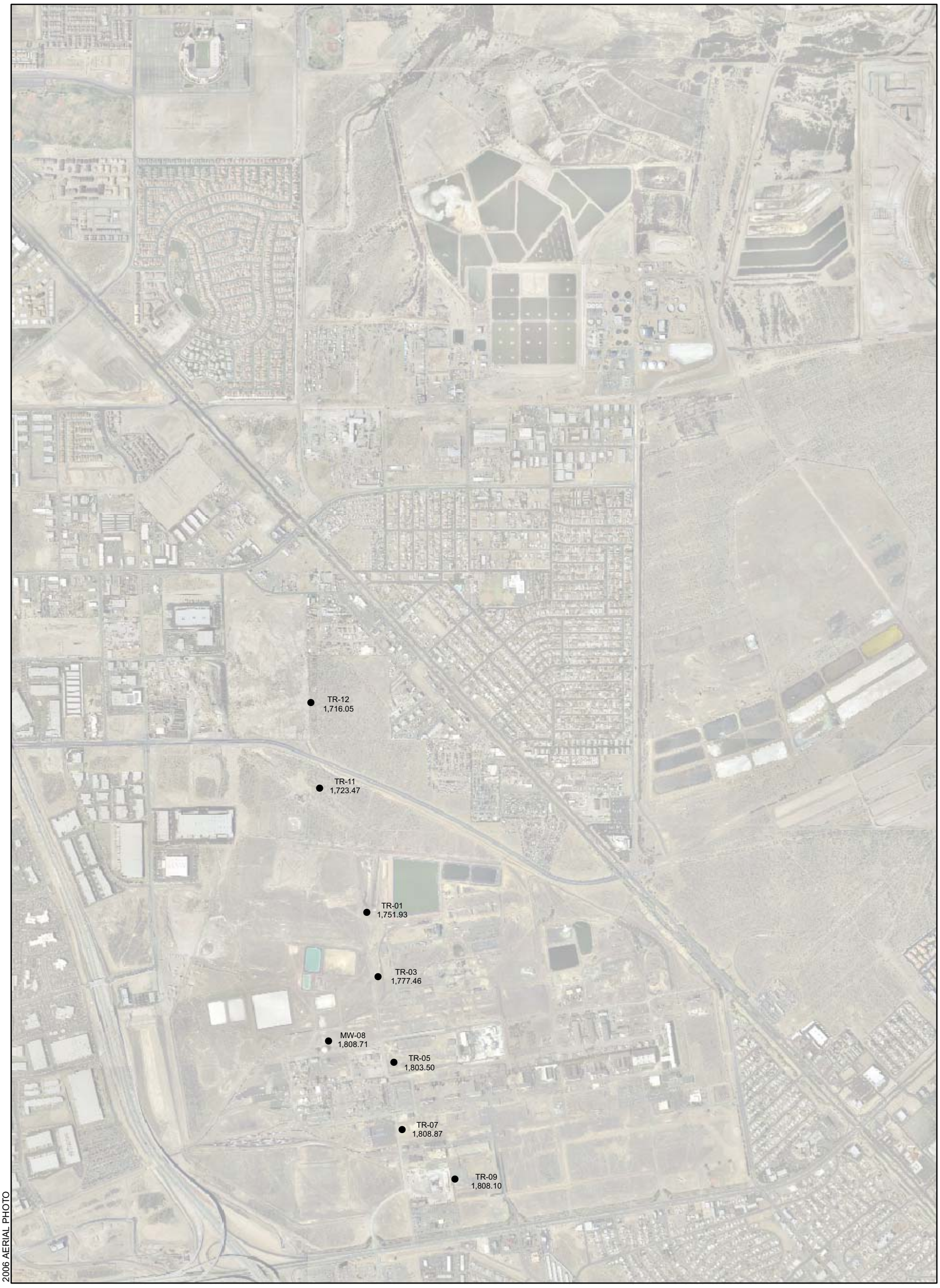
FIGURE 3

PREP BY RGW REV BY BRW RPT NO 754.28 WLs-2ndWB mxd



EXPLANATION

● **TR-09 1,808.10** MONITOR WELL WATER LEVEL ELEVATION IN FEET ABOVE MEAN SEA LEVEL

N

0 750 1,500
Feet

MONTROSE CHEMICAL CORPORATION OF CALIFORNIA

HENDERSON, NEVADA

WATER LEVELS
THIRD WATER-BEARING ZONE
FIRST QUARTER 2007

HARGIS + ASSOCIATES, INC.
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FIGURE 4

PREP BY RGW REV BY BRW RPT NO _____ WLs-3rdWB.mxd

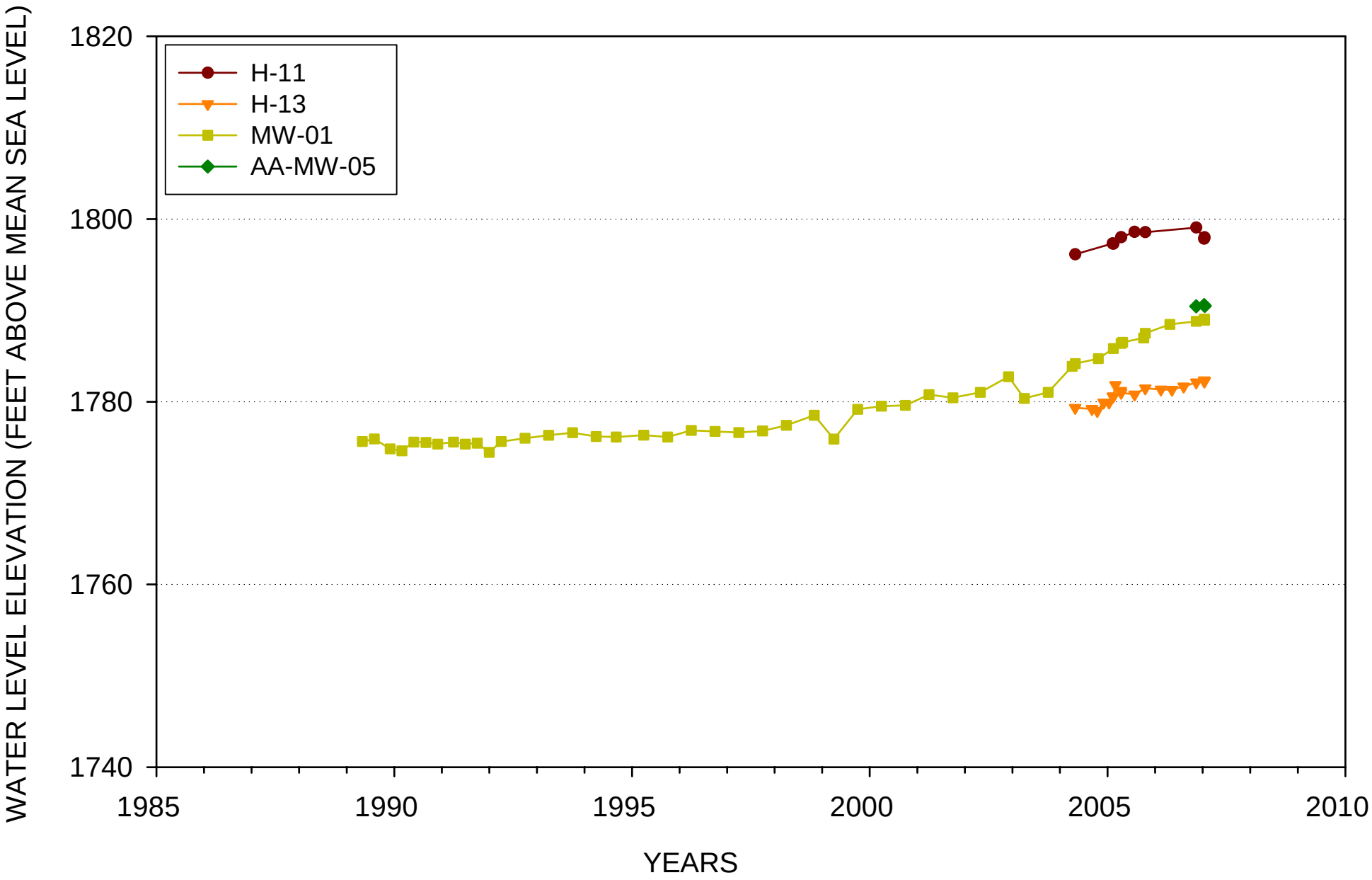


FIGURE 5. WATER LEVEL HYDROGRAPHS - TRANSECT NO. 1

HARGIS + ASSOCIATES, INC.

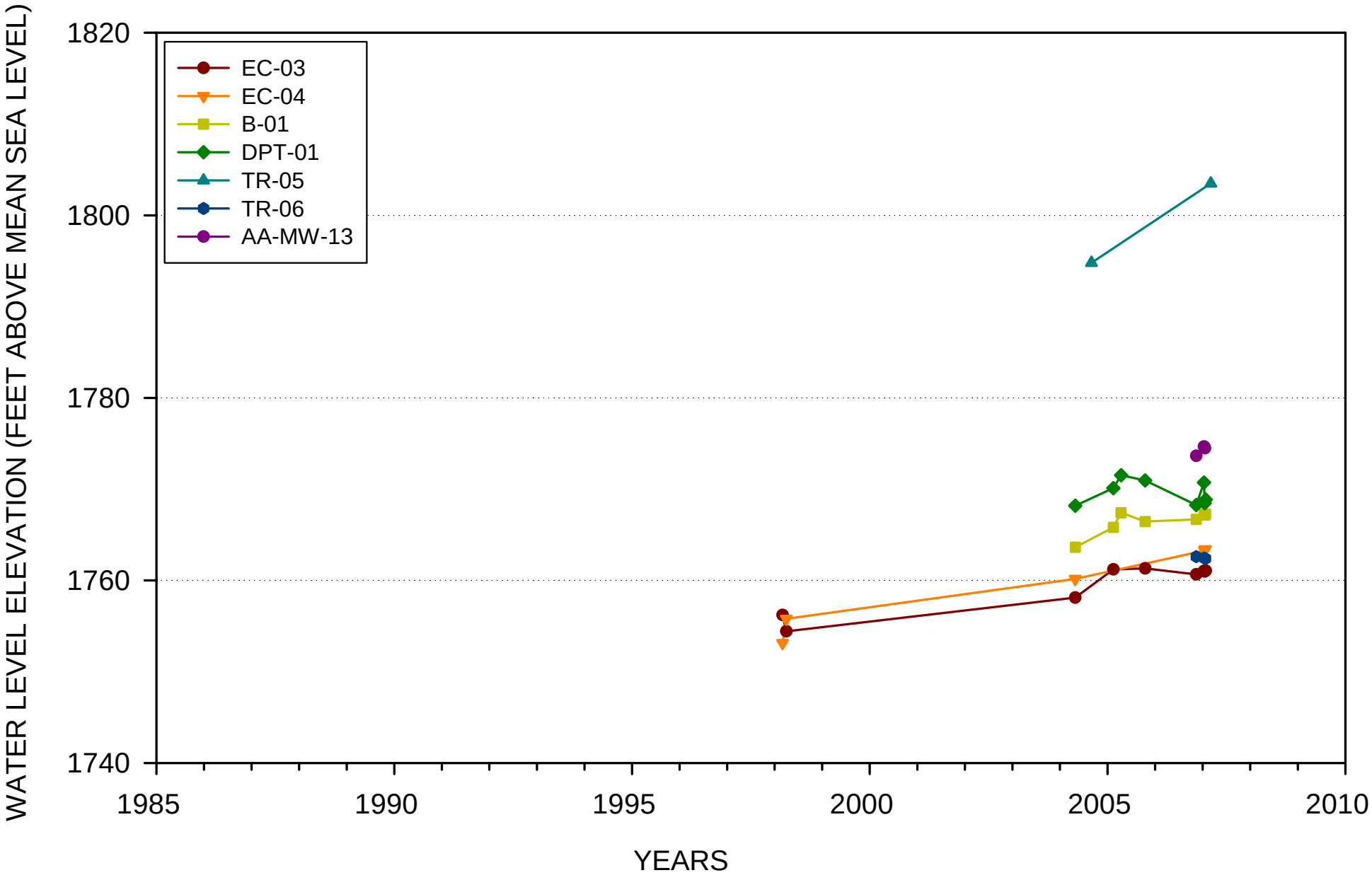


FIGURE 6. WATER LEVEL HYDROGRAPHS - TRANSECT NO. 2

HARGIS + ASSOCIATES, INC.

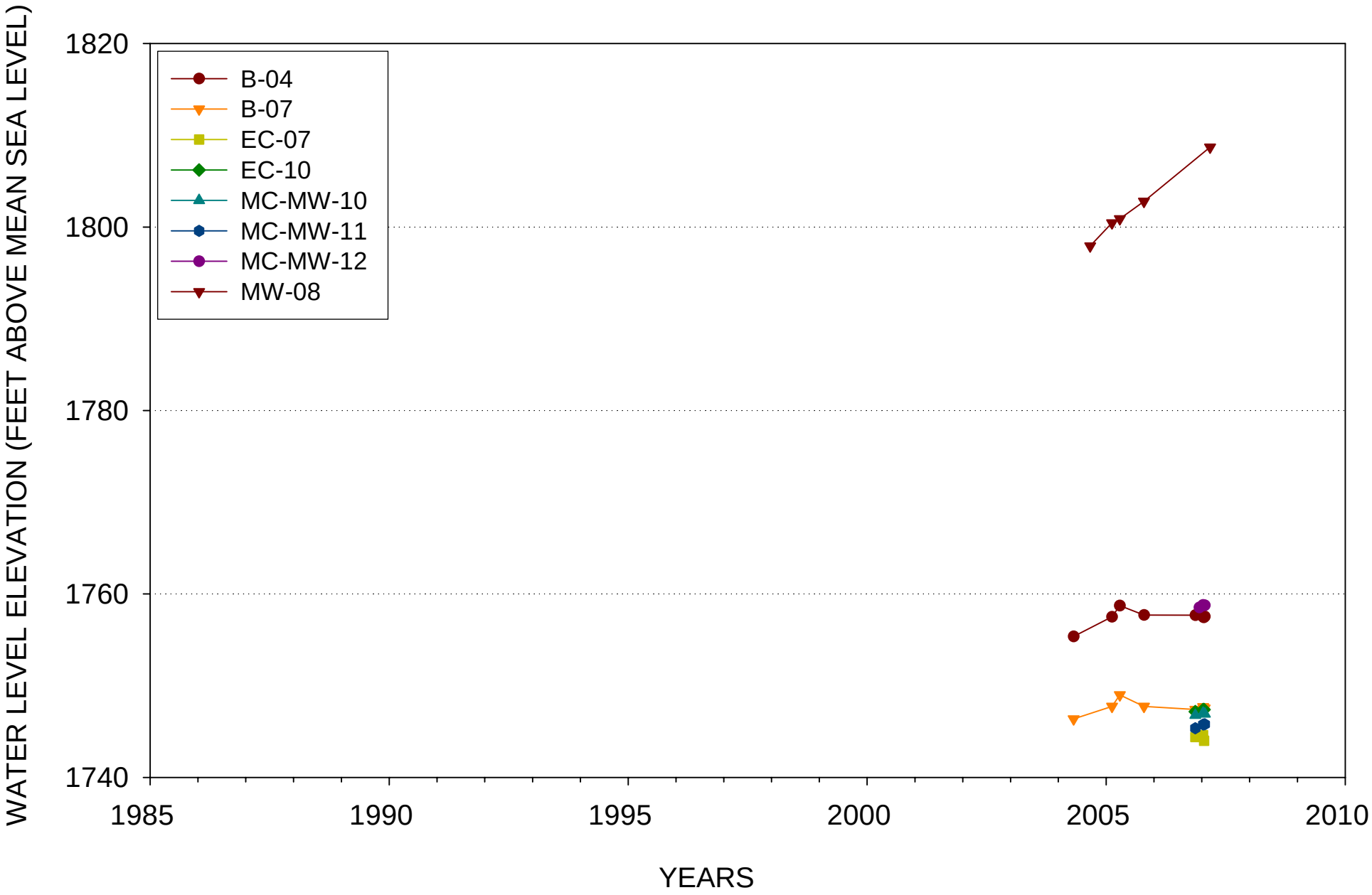


FIGURE 7. WATER LEVEL HYDROGRAPHS - TRANSECT NO. 3

HARGIS + ASSOCIATES, INC.

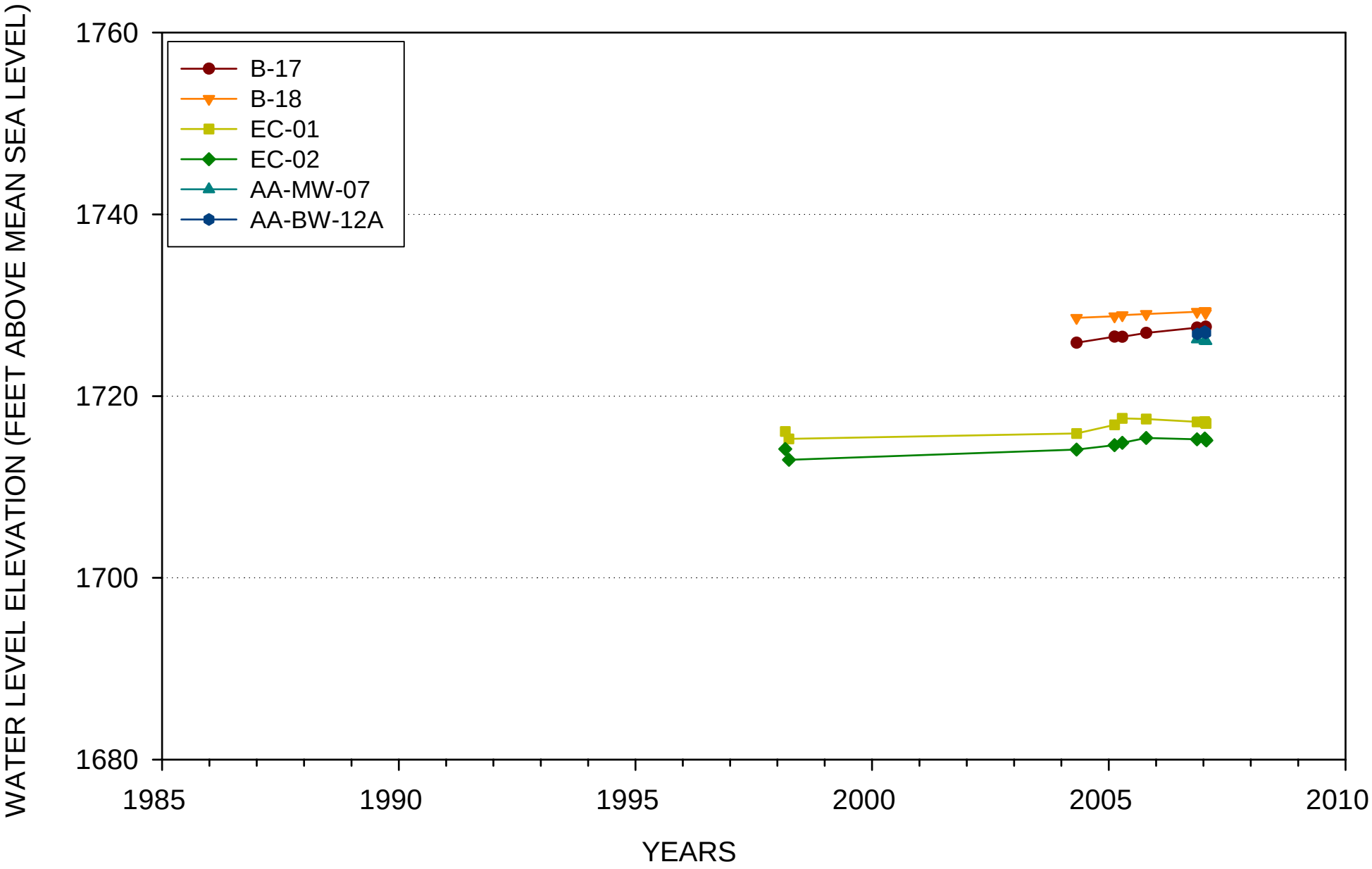


FIGURE 8. WATER LEVEL HYDROGRAPHS - TRANSECT NO. 4

HARGIS + ASSOCIATES, INC.

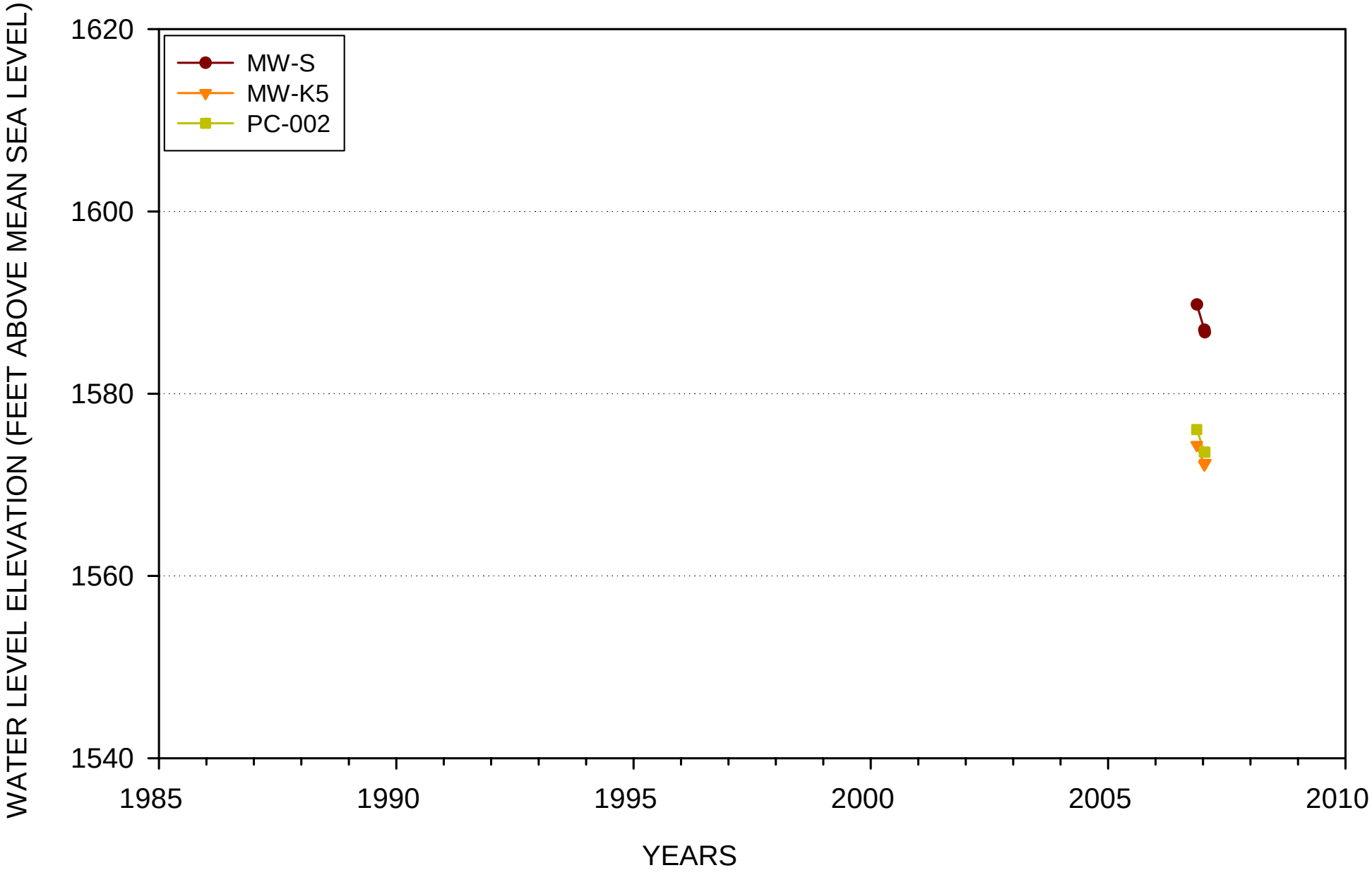


FIGURE 9. WATER LEVEL HYDROGRAPHS - TRANSECT NO. 5

HARGIS + ASSOCIATES, INC.

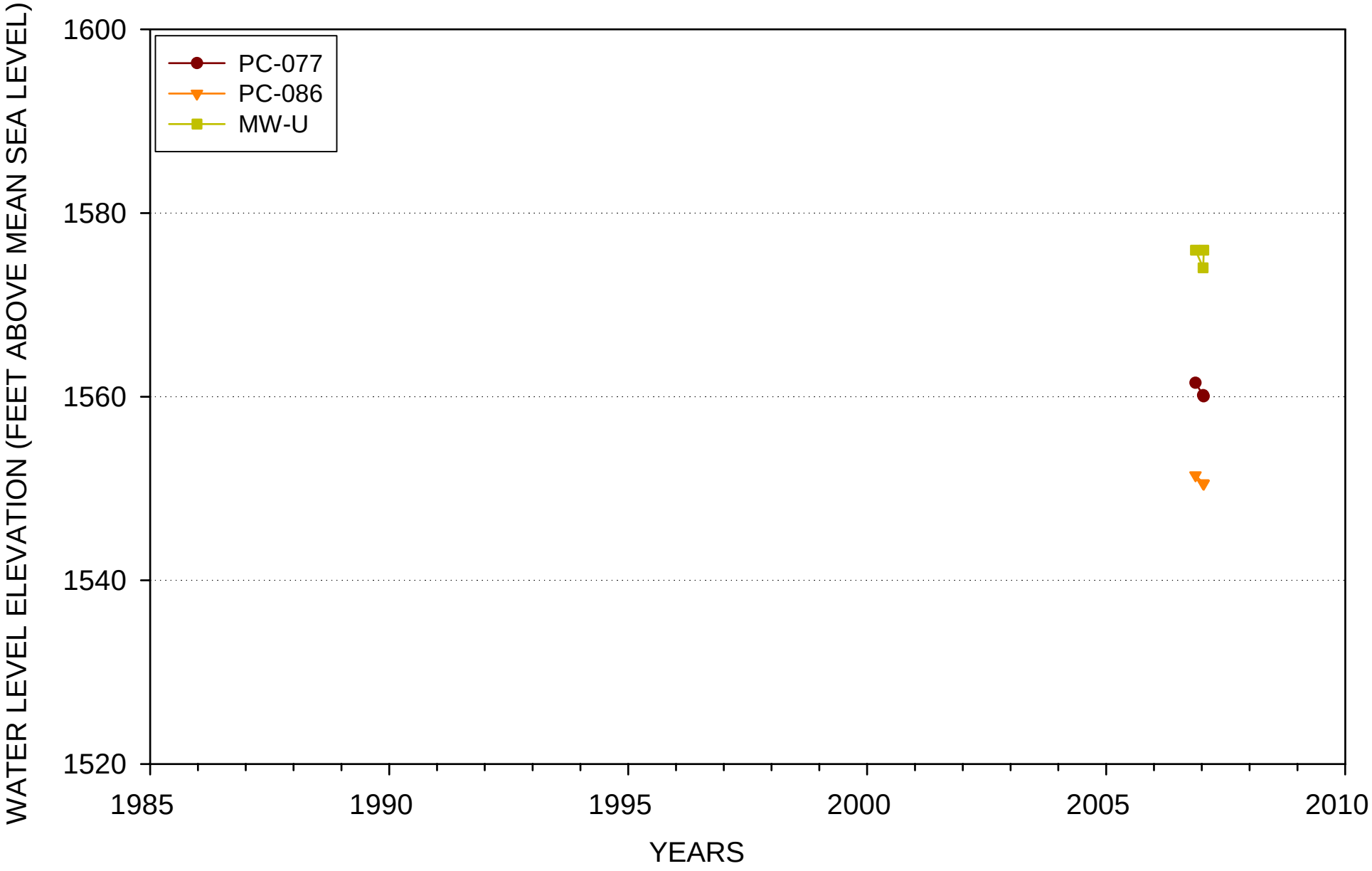
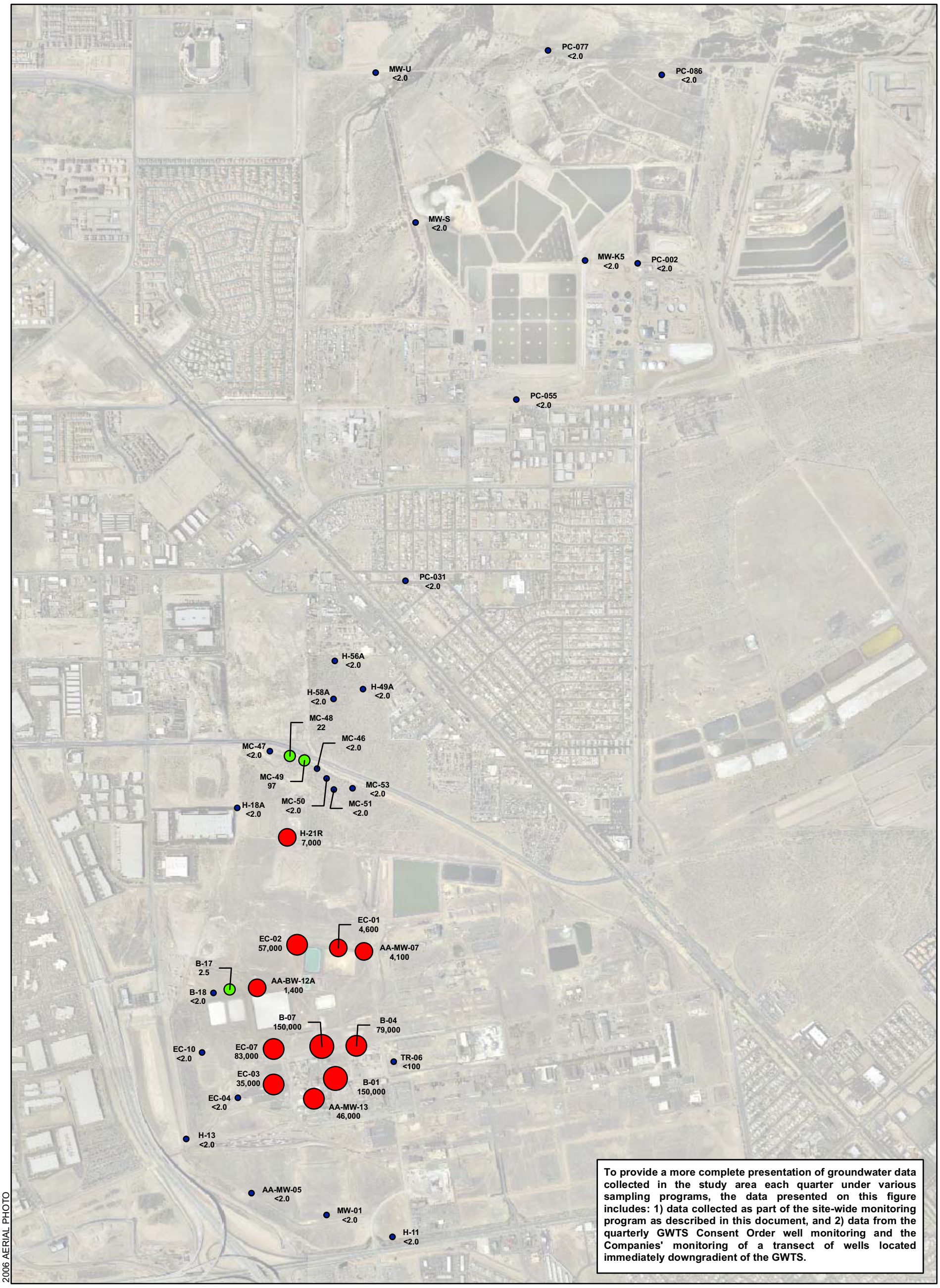


FIGURE 10. WATER LEVEL HYDROGRAPHS - TRANSECT NO. 6

HARGIS + ASSOCIATES, INC.



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EXPLANATION

CHLOROBENZENE CONCENTRATION
EPA METHOD: 8260B

- NON-DETECT
- < 100 ug/l (MAXIMUM CONTAMINANT LEVEL)
- 100 - 1,000 ug/l
- 1,000 - 10,000 ug/l
- 10,000 - 100,000 ug/l
- > 100,000 ug/l

B-17 2.5 — MONITOR WELL
CONCENTRATION IN MICROGRAMS PER LITER
JANUARY 2007

< — LESS THAN; COMPOUND WAS NOT DETECTED AT OR ABOVE THE REPORTED DETECTION LIMIT

ug/l — MICROGRAMS PER LITER

N

0 750 1,500
Feet

MONTROSE CHEMICAL CORPORATION OF CALIFORNIA
HENDERSON, NEVADA

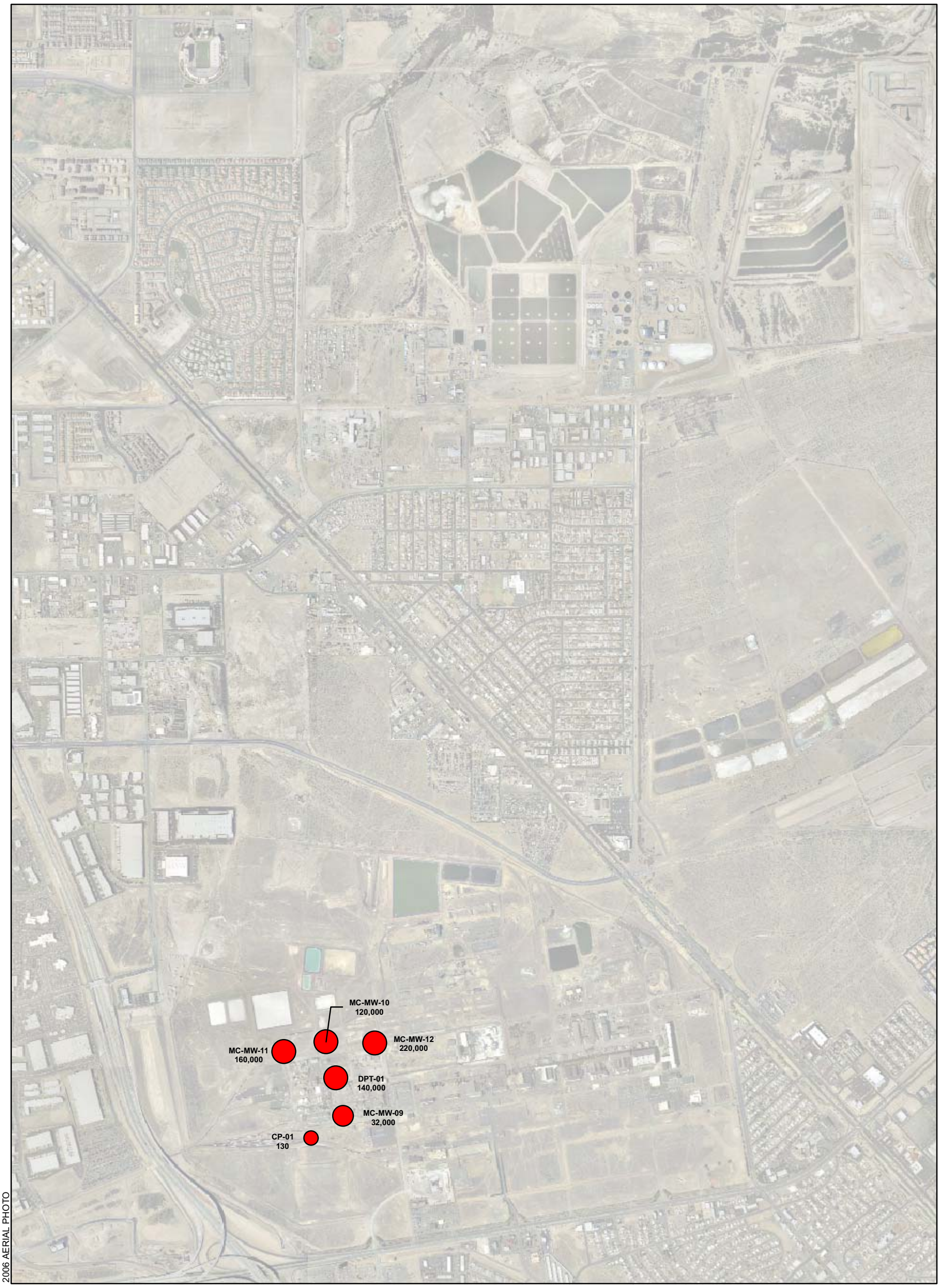
CHLOROBENZENE ALLUVIAL AQUIFER FIRST QUARTER 2007

HARGIS + ASSOCIATES, INC.
HYDROGEOLOGY • ENGINEERING

03/27/2007

FIGURE 11

PREP BY RGW REV BY BRW RPT NO 754.28 | MCB-Alluvial.mxd



EXPLANATION

CHLOROBENZENE CONCENTRATION
EPA METHOD: 8260B

- NON-DETECT
- < 100 ug/l (MAXIMUM CONTAMINANT LEVEL)
- 100 - 1,000 ug/l
- 1,000 - 10,000 ug/l
- 10,000 - 100,000 ug/l
- > 100,000 ug/l

CP-01 130 — MONITOR WELL
CONCENTRATION IN MICROGRAMS PER LITER
JANUARY 2007

< — LESS THAN; COMPOUND WAS NOT DETECTED AT OR ABOVE THE REPORTED DETECTION LIMIT

ug/l — MICROGRAMS PER LITER

N

0 750 1,500
Feet

MONTROSE CHEMICAL CORPORATION OF CALIFORNIA
HENDERSON, NEVADA

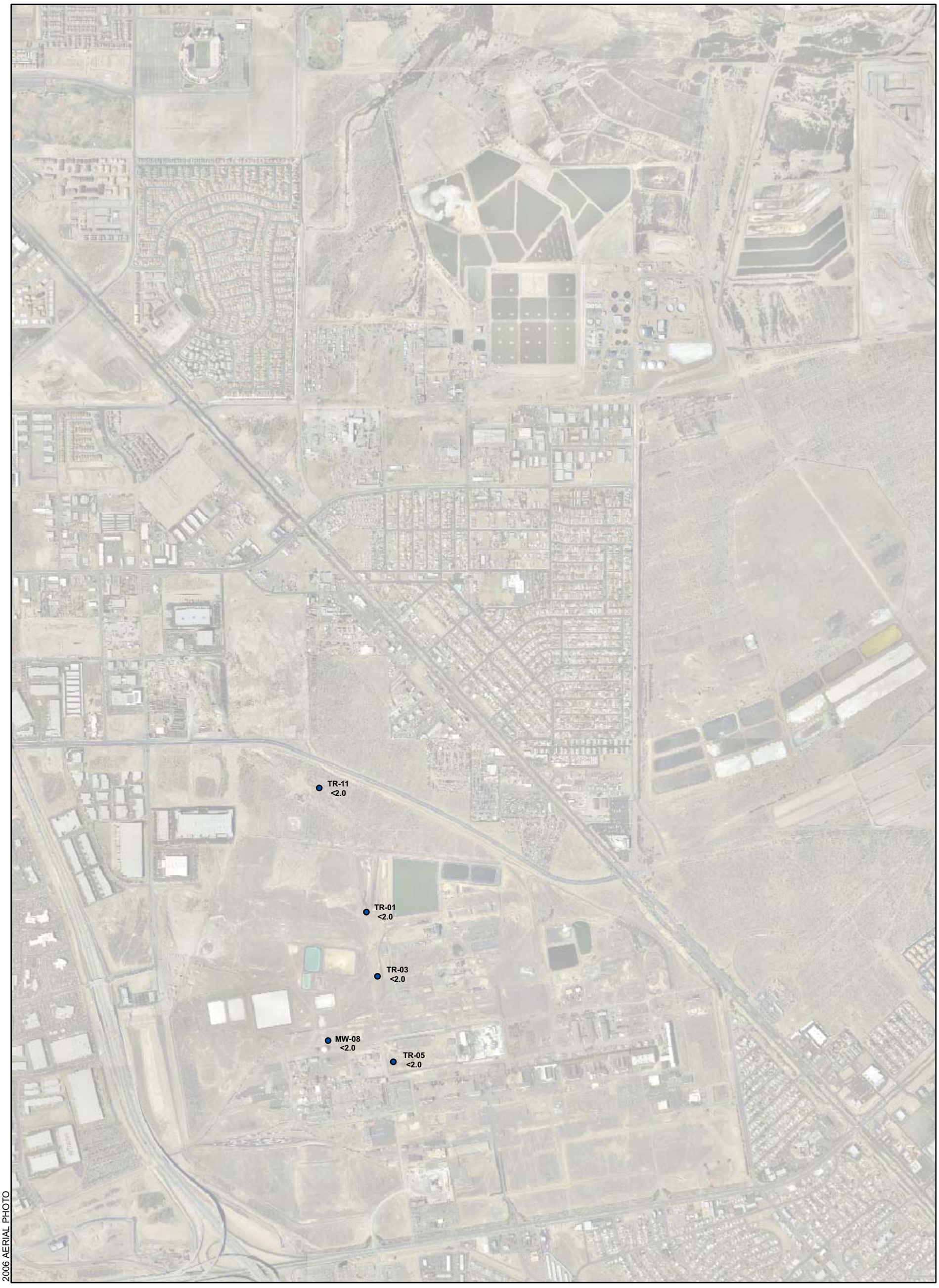
CHLOROBENZENE
SECOND WATER-BEARING ZONE
FIRST QUARTER 2007

HARGIS + ASSOCIATES, INC.
HYDROGEOLOGY • ENGINEERING

03/27/2007

FIGURE 12

PREP BY RGW REV BY BRW RPT NO 754.28 | MCB-2ndWB.mxd



EXPLANATION

CHLOROBENZENE CONCENTRATION
EPA METHOD: 8260B

- NON-DETECT
- < 100 ug/l (MAXIMUM CONTAMINANT LEVEL)
- 100 - 1,000 ug/l
- 1,000 - 10,000 ug/l
- 10,000 - 100,000 ug/l
- > 100,000 ug/l

TR-05 <2.0 — MONITOR WELL CONCENTRATION IN MICROGRAMS PER LITER JANUARY 2007

< — LESS THAN; COMPOUND WAS NOT DETECTED AT OR ABOVE THE REPORTED DETECTION LIMIT

ug/l — MICROGRAMS PER LITER

N

0 750 1,500
Feet

MONTROSE CHEMICAL CORPORATION OF CALIFORNIA
HENDERSON, NEVADA

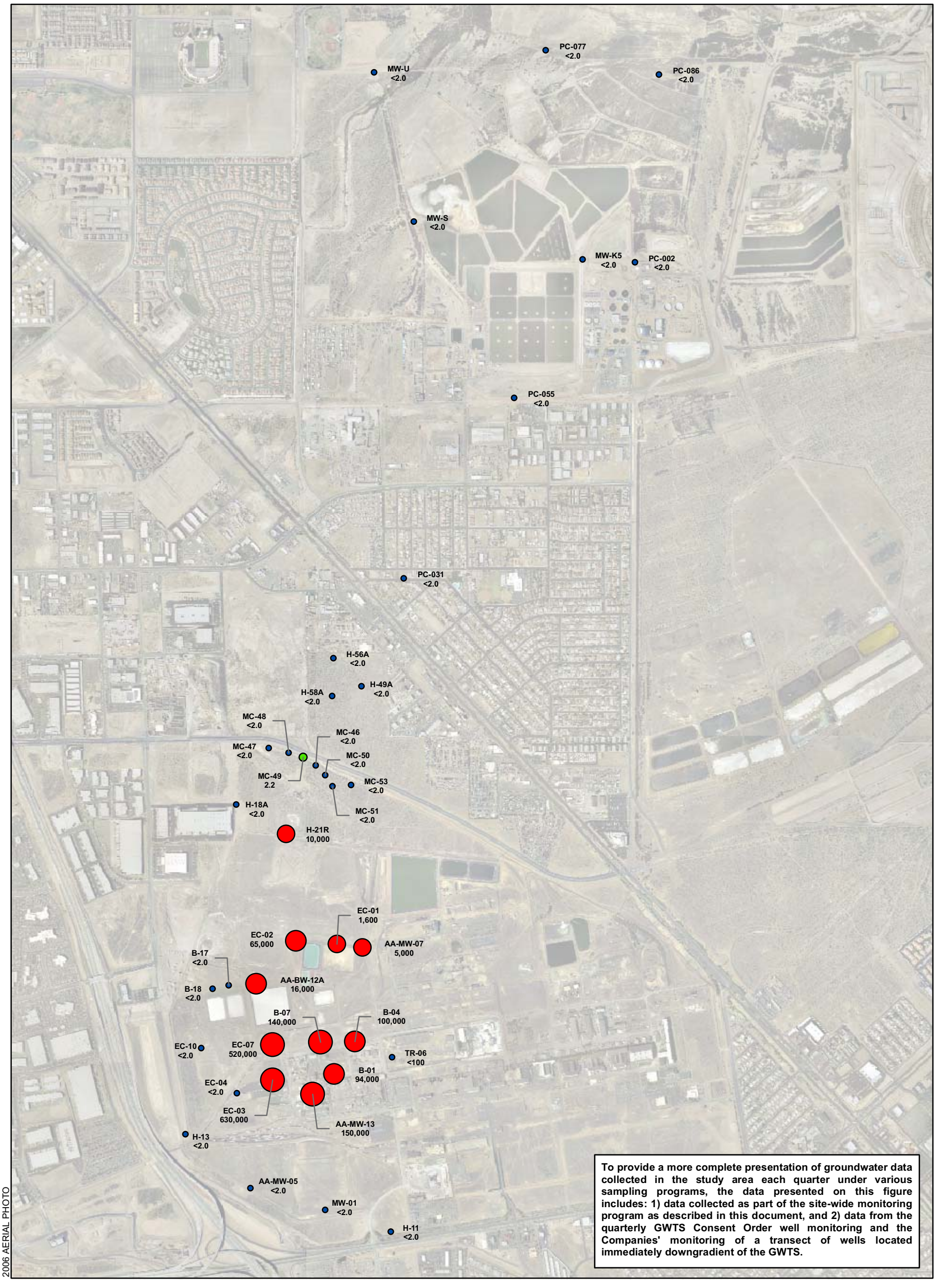
CHLOROBENZENE
THIRD WATER-BEARING ZONE
FIRST QUARTER 2007

HARGIS + ASSOCIATES, INC.
HYDROGEOLOGY • ENGINEERING

03/27/2007

FIGURE 13

PREP BY RGW REV BY BRW RPT NO 754.28 MCB-3rdWB.mxd



To provide a more complete presentation of groundwater data collected in the study area each quarter under various sampling programs, the data presented on this figure includes: 1) data collected as part of the site-wide monitoring program as described in this document, and 2) data from the quarterly GWTS Consent Order well monitoring and the Companies' monitoring of a transect of wells located immediately downgradient of the GWTS.

EXPLANATION

BENZENE CONCENTRATION
EPA METHOD: 8260B

- NON-DETECT
- <5 ug/l (MAXIMUM CONTAMINANT LEVEL)
- 5.0 - 10 ug/l
- 10 - 100 ug/l
- 100 - 1,000 ug/l
- 1,000 - 10,000 ug/l
- 10,000 - 100,000 ug/l
- > 100,000 ug/l

B-17 <2.0 — MONITOR WELL
CONCENTRATION IN MICROGRAMS PER LITER
JANUARY 2007

< — LESS THAN; COMPOUND WAS NOT DETECTED AT OR ABOVE THE REPORTED DETECTION LIMIT

ug/l — MICROGRAMS PER LITER

N

0 750 1,500
Feet

MONTROSE CHEMICAL CORPORATION OF CALIFORNIA
HENDERSON, NEVADA

BENZENE
ALLUVIAL AQUIFER
FIRST QUARTER 2007

HARGIS + ASSOCIATES, INC.
HYDROGEOLOGY • ENGINEERING

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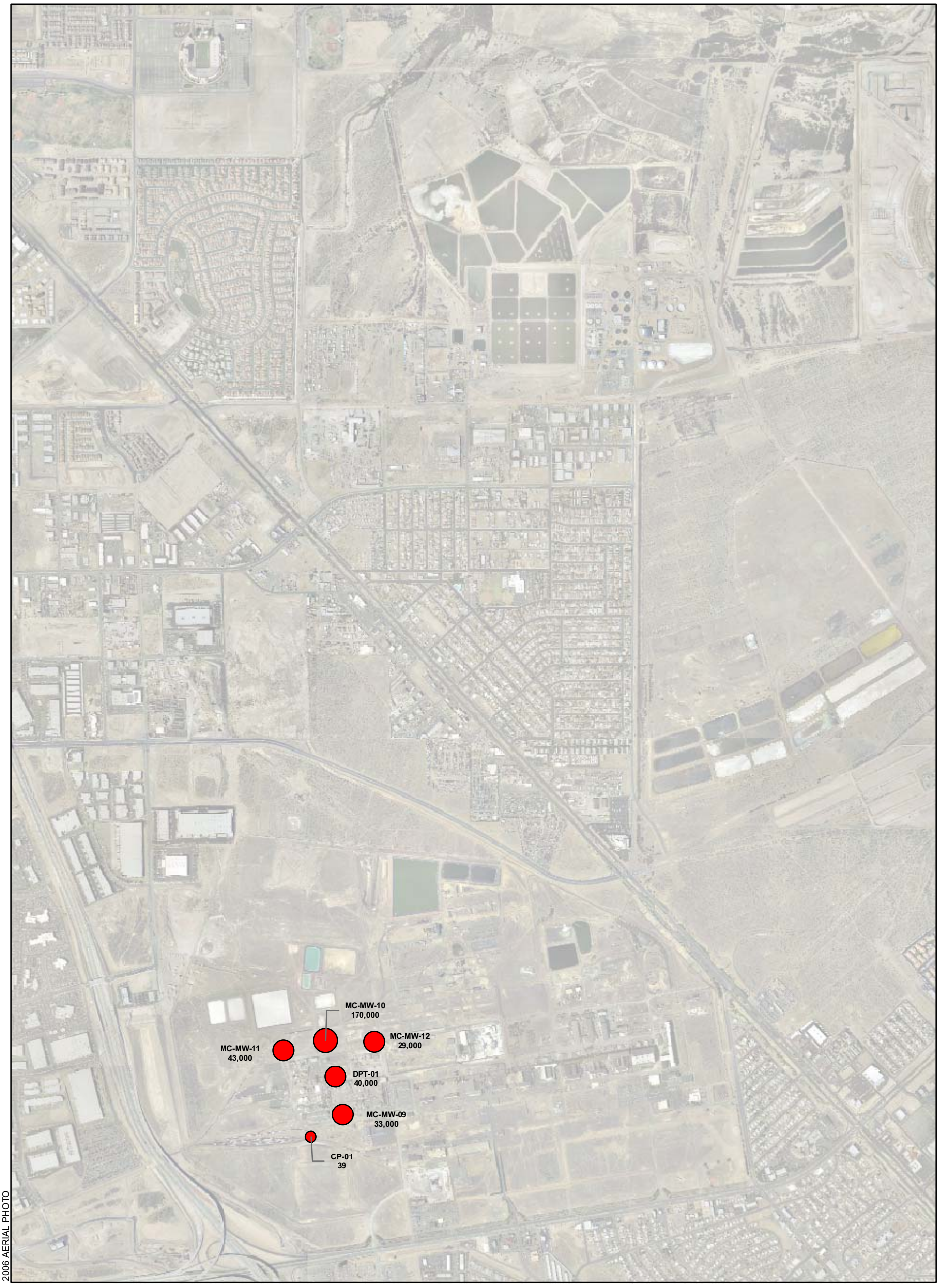
FIGURE 14

PREP BY RGW REV BY BRW RPT NO 754.28 Benzene-Alluvial.mxd



EXPLANATION

BENZENE CONCENTRATION
EPA METHOD: 8260B

- NON-DETECT
- <5 ug/l (MAXIMUM CONTAMINANT LEVEL)
- 5.0 - 10 ug/l
- 10 - 100 ug/l
- 100 - 1,000 ug/l
- 1,000 - 10,000 ug/l
- 10,000 - 100,000 ug/l
- > 100,000 ug/l

CP-01 39 — MONITOR WELL
CONCENTRATION IN MICROGRAMS PER LITER
JANUARY 2007

< — LESS THAN; COMPOUND WAS NOT DETECTED AT OR ABOVE THE REPORTED DETECTION LIMIT

ug/l — MICROGRAMS PER LITER

N

0 750 1,500
Feet

MONTROSE CHEMICAL CORPORATION OF CALIFORNIA
HENDERSON, NEVADA

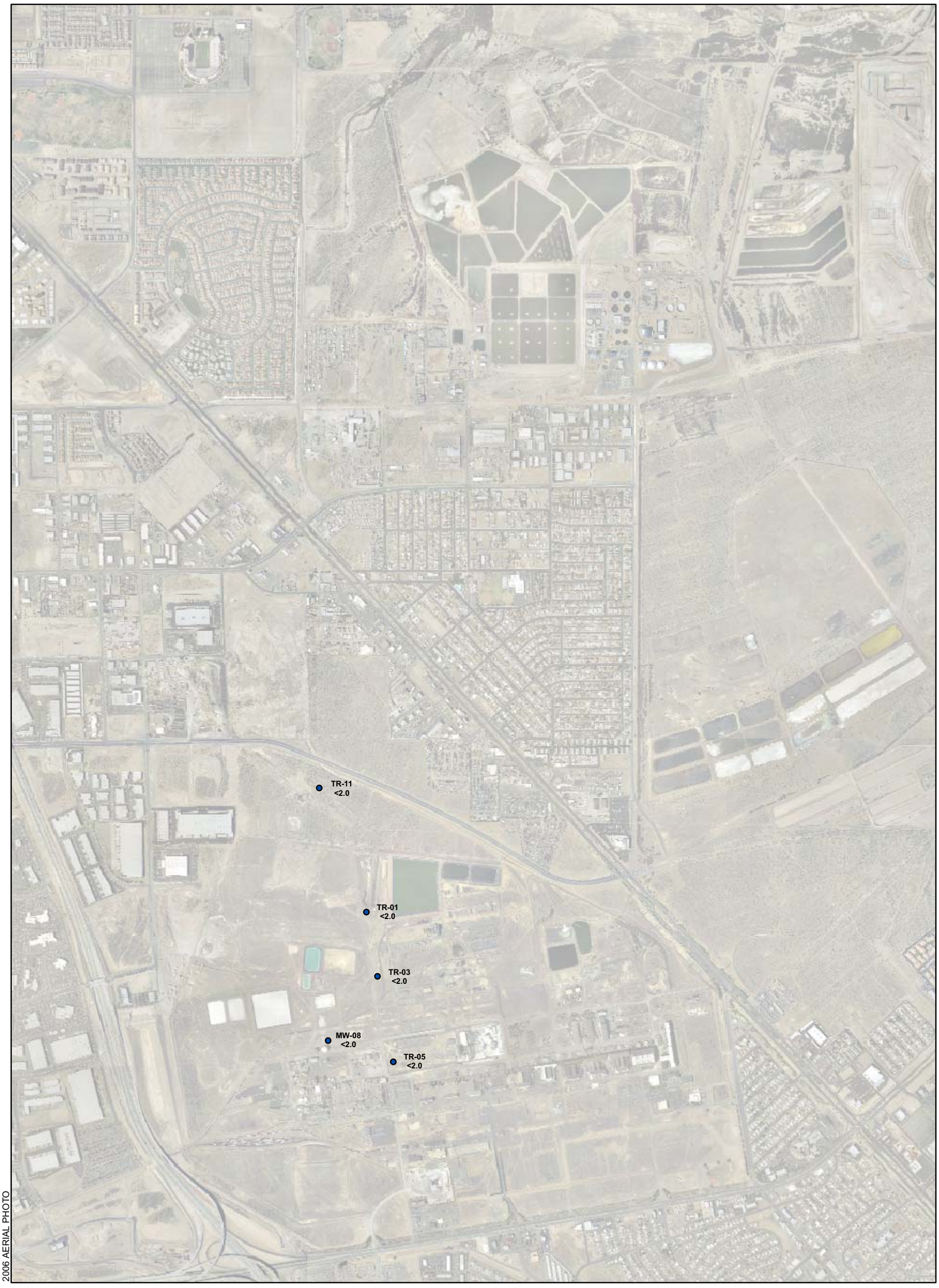
BENZENE
SECOND WATER-BEARING ZONE
FIRST QUARTER 2007

HARGIS + ASSOCIATES, INC.
HYDROGEOLOGY • ENGINEERING

03/27/2007

FIGURE 15

PREP BY RGW REV BY BRW RPT NO 754.28 Benzene-2ndWB.mxd



EXPLANATION

BENZENE CONCENTRATION
EPA METHOD: 8260B

- NON-DETECT
- <5 ug/l (MAXIMUM CONTAMINANT LEVEL)
- 5.0 - 10 ug/l
- 10 - 100 ug/l
- 100 - 1,000 ug/l
- 1,000 - 10,000 ug/l
- 10,000 - 100,000 ug/l
- > 100,000 ug/l

TR-05 <2.0 — MONITOR WELL
CONCENTRATION IN MICROGRAMS PER LITER
JANUARY 2007

< — LESS THAN; COMPOUND WAS NOT DETECTED AT OR ABOVE THE REPORTED DETECTION LIMIT

ug/l — MICROGRAMS PER LITER

N

0 750 1,500
Feet

MONTROSE CHEMICAL CORPORATION OF CALIFORNIA
HENDERSON, NEVADA

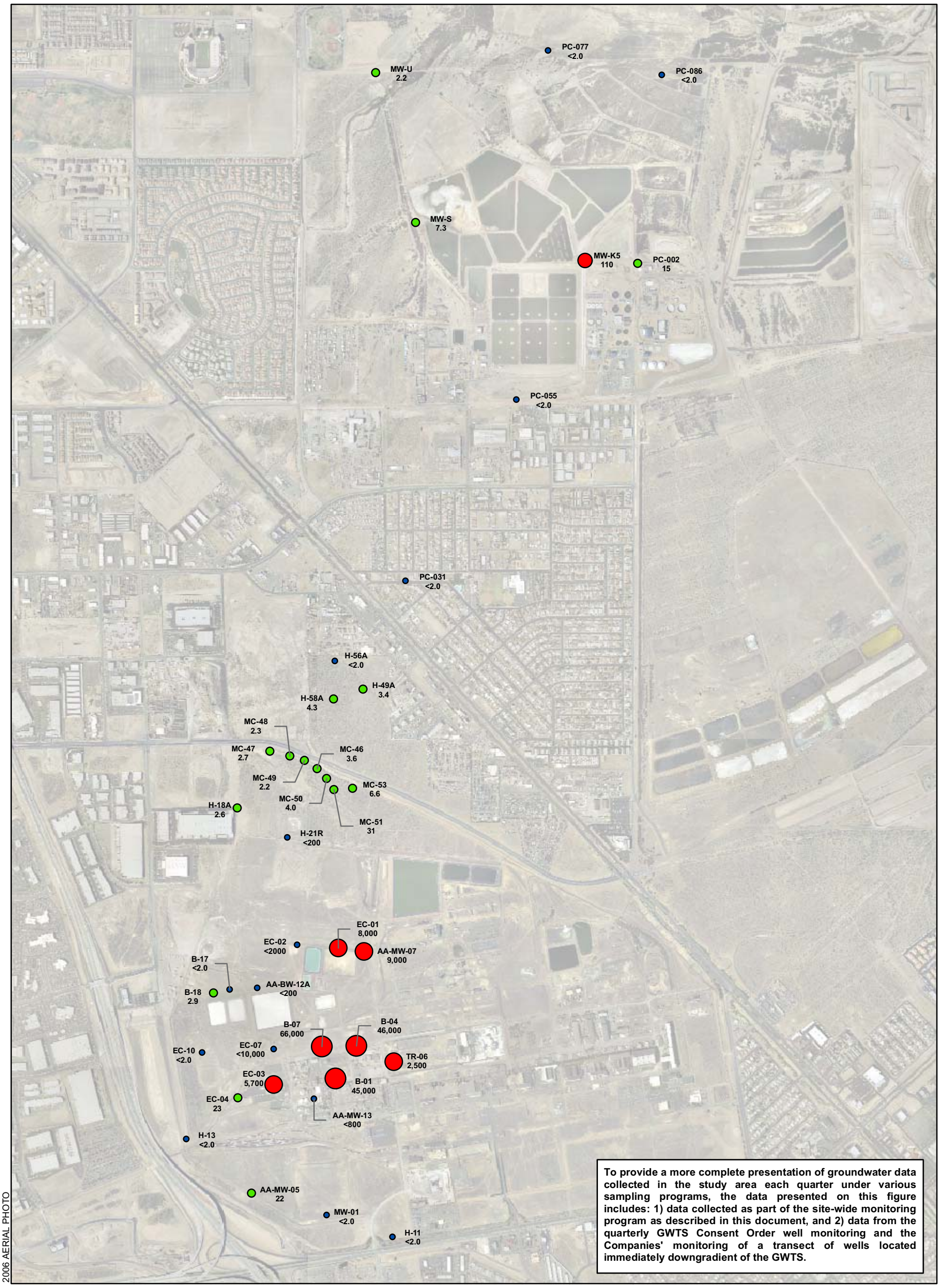
BENZENE
THIRD WATER-BEARING ZONE
FIRST QUARTER 2007

HARGIS + ASSOCIATES, INC.
HYDROGEOLOGY • ENGINEERING

03/27/2007

FIGURE 16

PREP BY RGW REV BY BRW RPT NO 754.28 Benzene-3rdWB mxd



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EXPLANATION

CHLOROFORM CONCENTRATION
EPA METHOD: 8260B

- NON-DETECT
- < 80 ug/l (MAXIMUM CONTAMINANT LEVEL FOR TTHM)
- 80 - 100 ug/l
- 100 - 1,000 ug/l
- 1,000 - 10,000 ug/l
- 10,000 - 100,000 ug/l
- > 100,000 ug/l

B-17 **<2.0** MONITOR WELL CONCENTRATION IN MICROGRAMS PER LITER JANUARY 2006

< LESS THAN; COMPOUND WAS NOT DETECTED AT OR ABOVE THE REPORTED DETECTION LIMIT

ug/l MICROGRAMS PER LITER

TTHM TOTAL TRIHALOMETHANES (BROMODICHLOROMETHANE + BROMOFORM + CHLOROFORM + DIBROMOCHLOROMETHANE)

N

0 750 1,500
Feet

MONTROSE CHEMICAL CORPORATION OF CALIFORNIA
HENDERSON, NEVADA

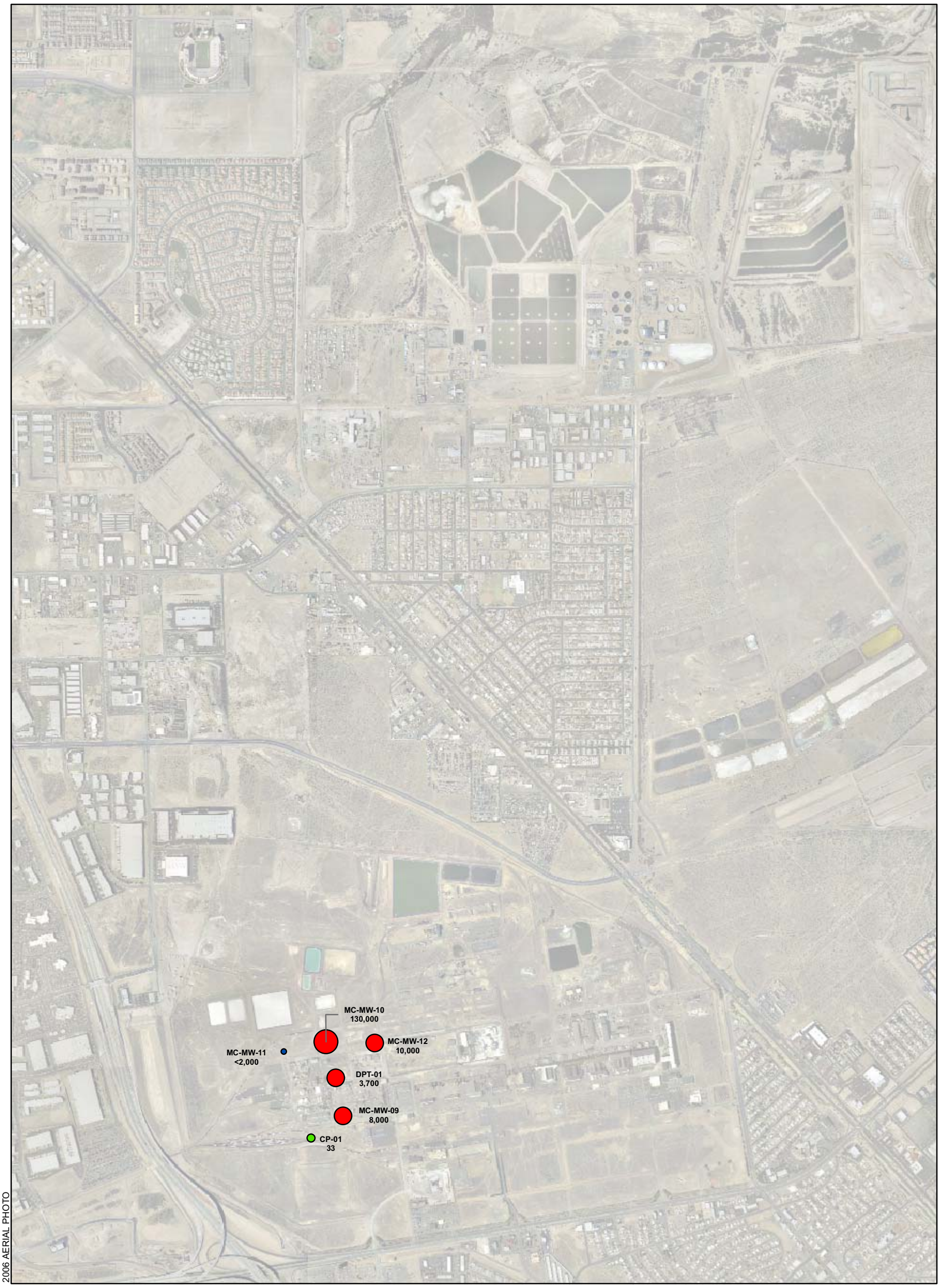
CHLOROFORM ALLUVIAL AQUIFER FIRST QUARTER 2007

HARGIS + ASSOCIATES, INC.
HYDROGEOLOGY • ENGINEERING

03/27/2007

FIGURE 17

PREP BY RGW REV BY BRW RPT NO 754.28 Chloroform-Alluvial.mxd



EXPLANATION

CHLOROFORM CONCENTRATION
EPA METHOD: 8260B

- NON-DETECT
- < 80 ug/l (MAXIMUM CONTAMINANT LEVEL FOR TTHM)
- 80 - 100 ug/l
- 100 - 1,000 ug/l
- 1,000 - 10,000 ug/l
- 10,000 - 100,000 ug/l
- > 100,000 ug/l

CP-01 33 — MONITOR WELL
CONCENTRATION IN MICROGRAMS PER LITER
JANUARY 2006

< — LESS THAN; COMPOUND WAS NOT DETECTED AT OR ABOVE THE REPORTED DETECTION LIMIT

ug/l — MICROGRAMS PER LITER

TTHM — TOTAL TRIHALOMETHANES (BROMODICHLOROMETHANE + BROMOFORM + CHLOROFORM + DIBROMOCHLOROMETHANE)

N

0 750 1,500
Feet

MONTROSE CHEMICAL CORPORATION OF CALIFORNIA
HENDERSON, NEVADA

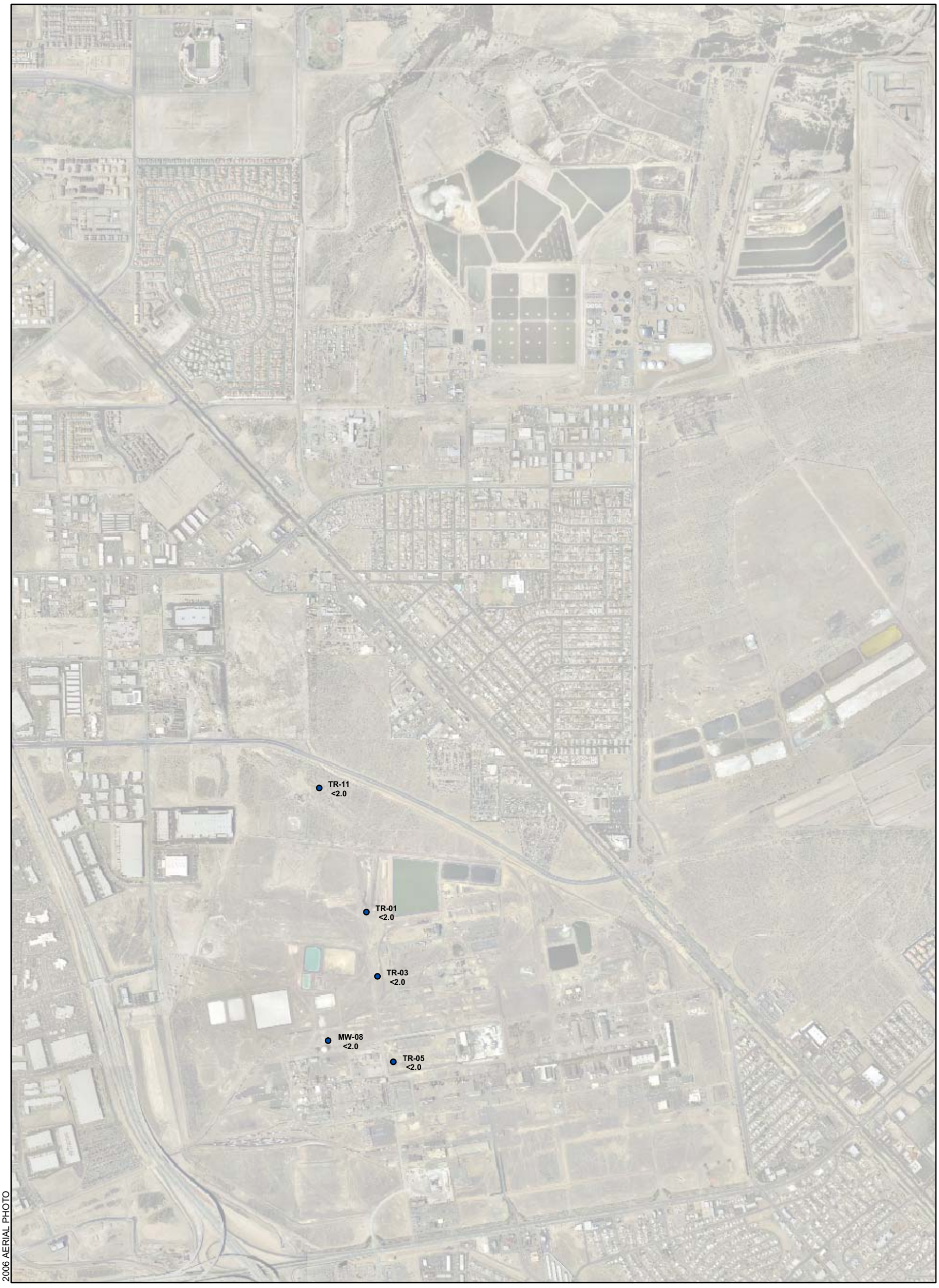
CHLOROFORM
SECOND WATER-BEARING ZONE
FIRST QUARTER 2007

HARGIS + ASSOCIATES, INC.
HYDROGEOLOGY • ENGINEERING

03/27/2007

FIGURE 18

PREP BY RGW REV BY BRW RPT NO 754.28 | chloroform-2ndWB.mxd



EXPLANATION

CHLOROFORM CONCENTRATION
EPA METHOD: 8260B

- NON-DETECT
- < 80 ug/l (MAXIMUM CONTAMINANT LEVEL FOR TTHM)
- 80 - 100 ug/l
- 100 - 1,000 ug/l
- 1,000 - 10,000 ug/l
- 10,000 - 100,000 ug/l
- > 100,000 ug/l

TR-05 <2.0 MONITOR WELL CONCENTRATION IN MICROGRAMS PER LITER JANUARY 2006

< LESS THAN; COMPOUND WAS NOT DETECTED AT OR ABOVE THE REPORTED DETECTION LIMIT

ug/l MICROGRAMS PER LITER

TTHM TOTAL TRIHALOMETHANES (BROMODICHLOROMETHANE + BROMOFORM + CHLOROFORM + DIBROMOCHLOROMETHANE)

N

0 750 1,500
Feet

MONTROSE CHEMICAL CORPORATION OF CALIFORNIA

HENDERSON, NEVADA

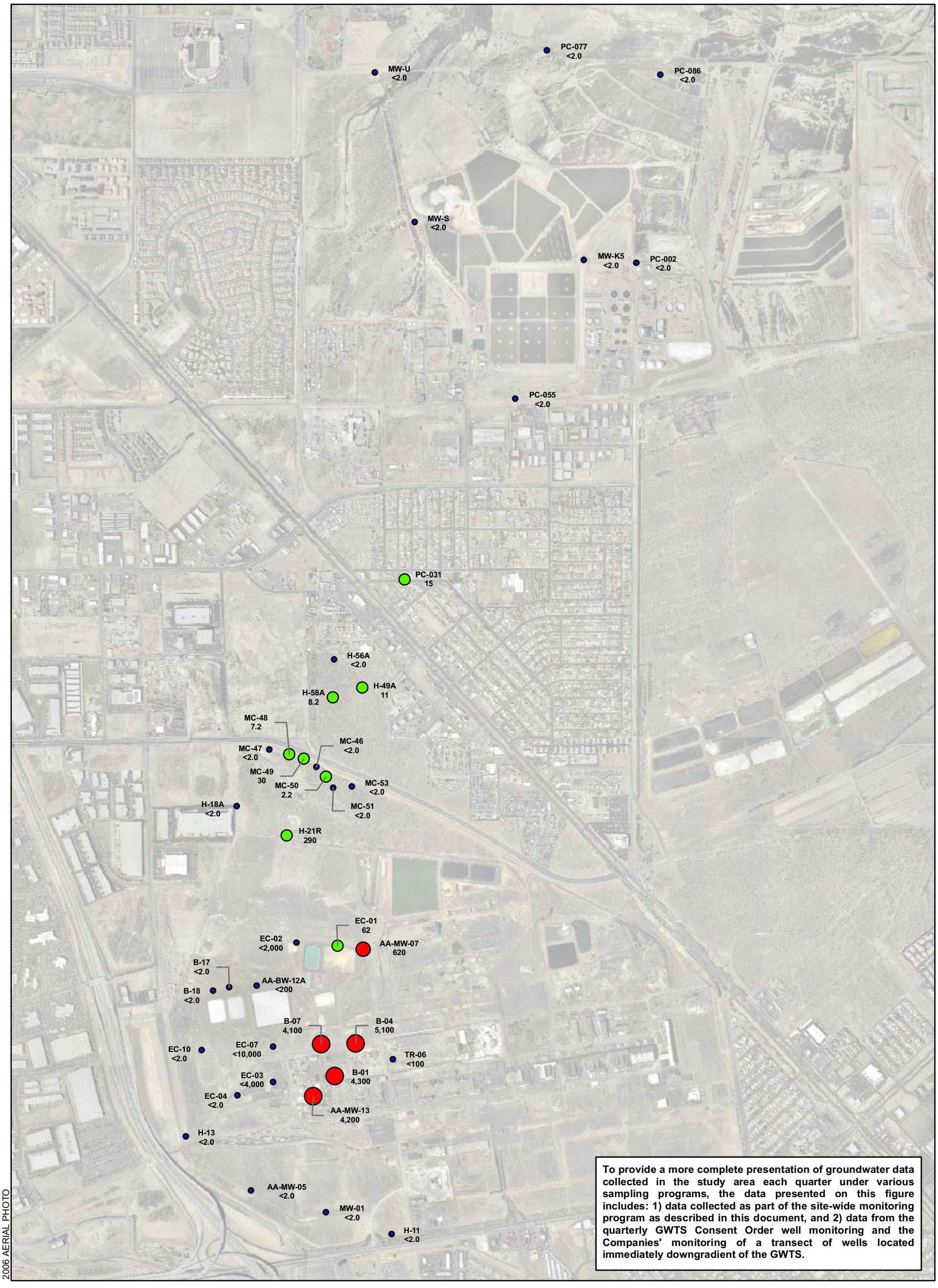
CHLOROFORM
THIRD WATER-BEARING ZONE
FIRST QUARTER 2007

HARGIS + ASSOCIATES, INC.
HYDROGEOLOGY • ENGINEERING

03/27/2007

FIGURE 19

PREP BY RGW REV BY BRW RPT NO 754.28 Chloroform-3rdWB.mxd



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EXPLANATION

1,2-DICHLOROBENZENE CONCENTRATION
EPA METHOD: 8260B

- NON-DETECT
- < 600 ug/l (MAXIMUM CONTAMINANT LEVEL)
- 600 - 1,000 ug/l
- 1,000 - 10,000 ug/l
- 10,000 - 100,000 ug/l
- > 100,000 ug/l

B-17 <2.0 — MONITOR WELL
CONCENTRATION IN MICROGRAMS PER LITER
JANUARY 2007

< — LESS THAN; COMPOUND WAS NOT DETECTED AT OR ABOVE THE REPORTED DETECTION LIMIT

ug/l — MICROGRAMS PER LITER

N

0 750 1,500
Feet

MONTROSE CHEMICAL CORPORATION OF CALIFORNIA
HENDERSON, NEVADA

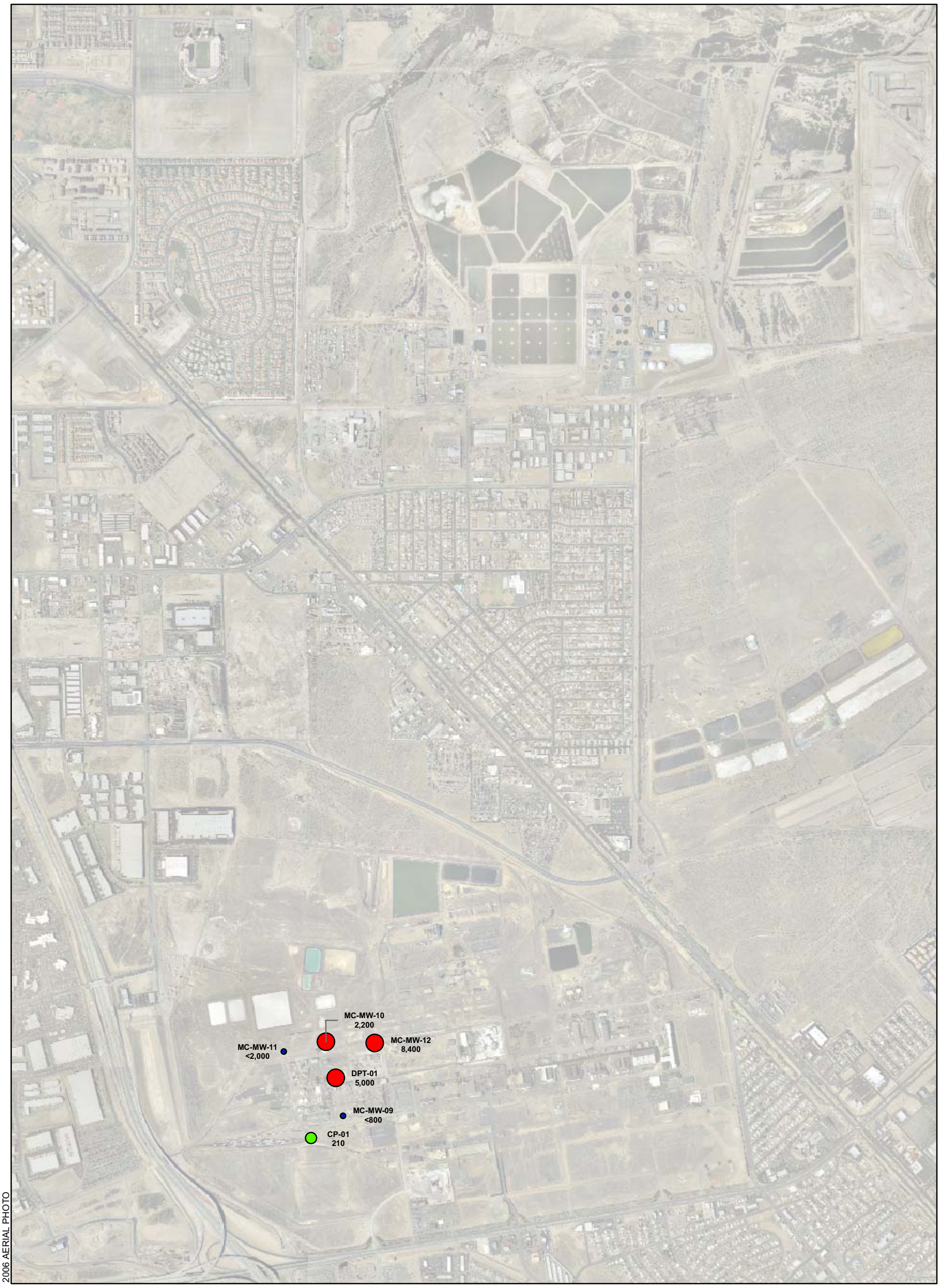
1,2-DICHLOROBENZENE ALLUVIAL AQUIFER FIRST QUARTER 2007

HARGIS + ASSOCIATES, INC.
HYDROGEOLOGY • ENGINEERING

03/27/2007

FIGURE 20

PREP BY RGW REV BY BRW RPT NO 754.28 12DCB-Alluvial.mxd



EXPLANATION

1,2-DICHLOROBENZENE CONCENTRATION
EPA METHOD: 8260B

- NON-DETECT
- < 600 ug/l (MAXIMUM CONTAMINANT LEVEL)
- 600 - 1,000 ug/l
- 1,000 - 10,000 ug/l
- 10,000 - 100,000 ug/l
- > 100,000 ug/l

CP-01 210 MONITOR WELL
CONCENTRATION IN MICROGRAMS PER LITER
JANUARY 2007

< LESS THAN; COMPOUND WAS NOT DETECTED AT OR ABOVE THE REPORTED DETECTION LIMIT

ug/l MICROGRAMS PER LITER

N

0 750 1,500
Feet

MONTROSE CHEMICAL CORPORATION OF CALIFORNIA
HENDERSON, NEVADA

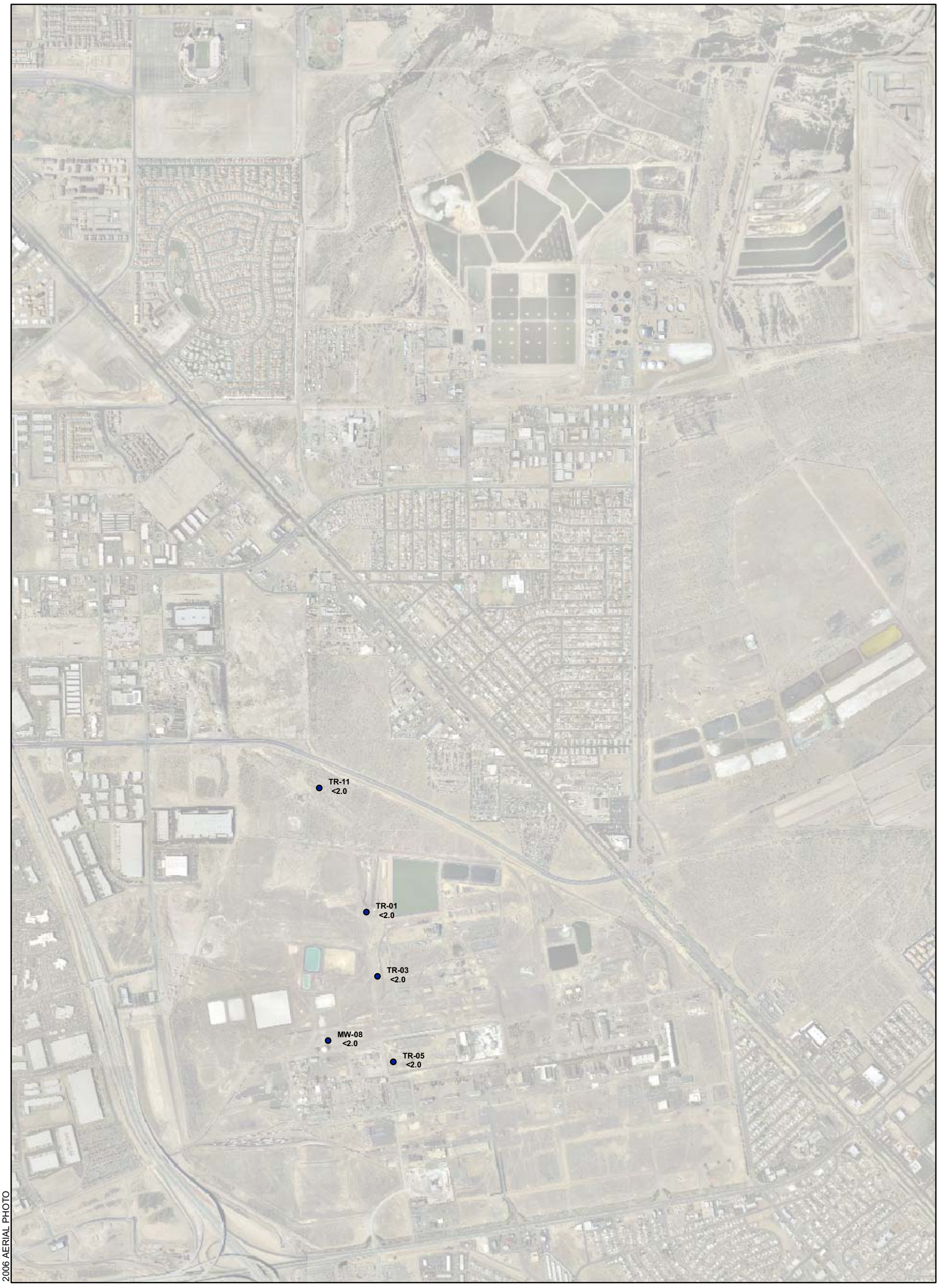
1,2-DICHLOROBENZENE
SECOND WATER-BEARING ZONE
FIRST QUARTER 2007

HARGIS + ASSOCIATES, INC.
HYDROGEOLOGY • ENGINEERING

03/27/2007

FIGURE 21

PREP BY RGW REV BY BRW RPT NO 754.28 12DCB-2ndWB.mxd



EXPLANATION

1,2-DICHLOROBENZENE CONCENTRATION
EPA METHOD: 8260B

- NON-DETECT
- < 600 ug/l (MAXIMUM CONTAMINANT LEVEL)
- 600 - 1,000 ug/l
- 1,000 - 10,000 ug/l
- 10,000 - 100,000 ug/l
- > 100,000 ug/l

TR-05 <2.0 — MONITOR WELL
CONCENTRATION IN MICROGRAMS PER LITER
JANUARY 2007

< — LESS THAN; COMPOUND WAS NOT DETECTED AT OR ABOVE THE REPORTED DETECTION LIMIT

ug/l — MICROGRAMS PER LITER

N

0 750 1,500
Feet

MONTROSE CHEMICAL CORPORATION OF CALIFORNIA
HENDERSON, NEVADA

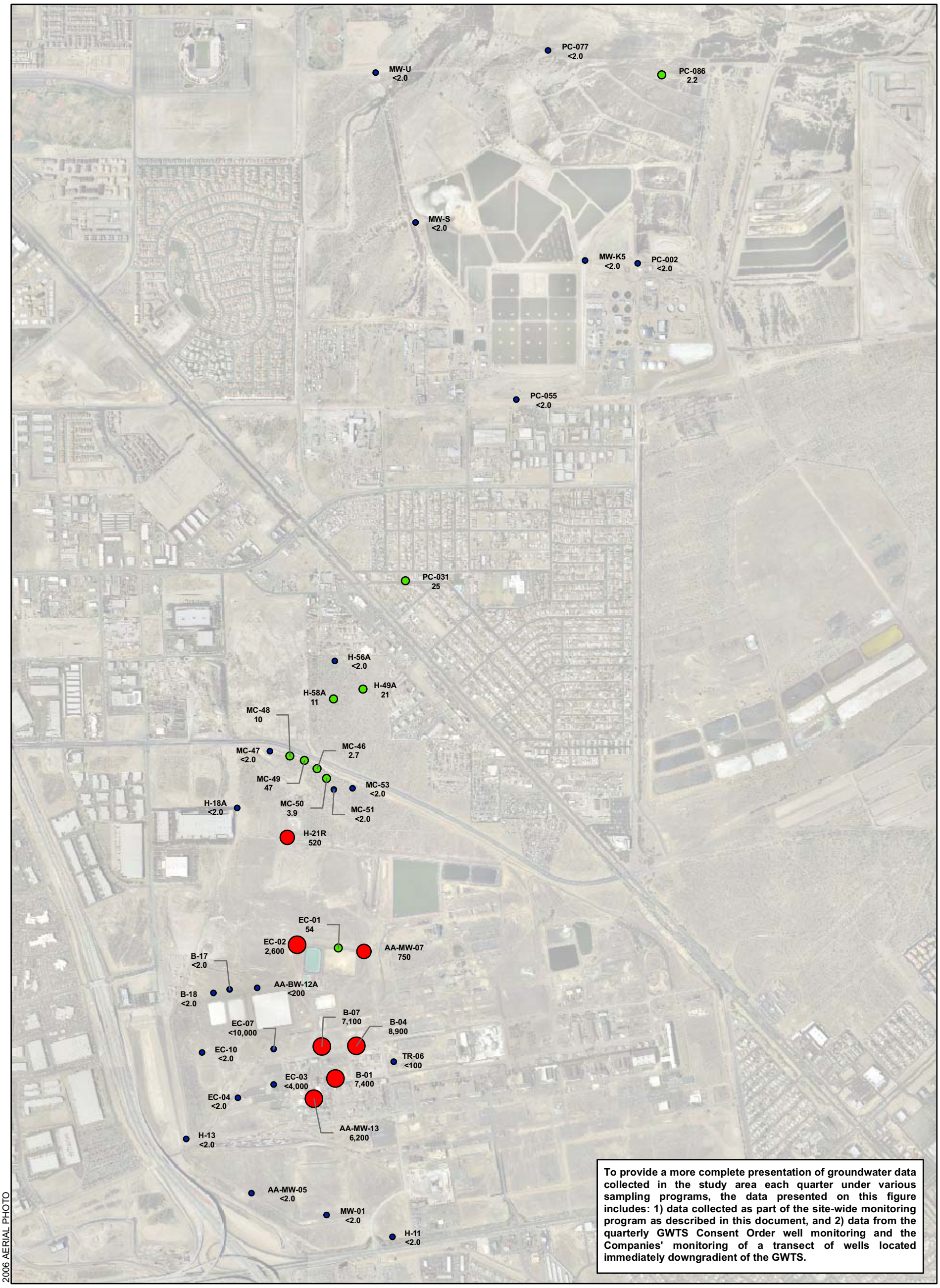
1,2-DICHLOROBENZENE
THIRD WATER-BEARING ZONE
FIRST QUARTER 2007

HARGIS + ASSOCIATES, INC.
HYDROGEOLOGY • ENGINEERING

03/27/2007

FIGURE 22

PREP BY RGW REV BY BRW RPT NO 754.28 12DCB-3rdWB.mxd



To provide a more complete presentation of groundwater data collected in the study area each quarter under various sampling programs, the data presented on this figure includes: 1) data collected as part of the site-wide monitoring program as described in this document, and 2) data from the quarterly GWTS Consent Order well monitoring and the Companies' monitoring of a transect of wells located immediately downgradient of the GWTS.

EXPLANATION

1,4-DICHLOROBENZENE CONCENTRATION
EPA METHOD: 8260B

- NON-DETECT
- < 75 ug/l (MAXIMUM CONTAMINANT LEVEL)
- 75 - 100 ug/l
- 100 - 1,000 ug/l
- 1,000 - 10,000 ug/l
- 10,000 - 100,000 ug/l
- > 100,000 ug/l

B-17 <2.0 MONITOR WELL
CONCENTRATION IN MICROGRAMS PER LITER
JANUARY 2007

< LESS THAN; COMPOUND WAS NOT DETECTED AT OR ABOVE THE REPORTED DETECTION LIMIT

ug/l MICROGRAMS PER LITER

N

0 750 1,500
Feet

MONTROSE CHEMICAL CORPORATION OF CALIFORNIA
HENDERSON, NEVADA

1,4-DICHLOROBENZENE ALLUVIAL AQUIFER FIRST QUARTER 2007

HARGIS + ASSOCIATES, INC.
HYDROGEOLOGY • ENGINEERING

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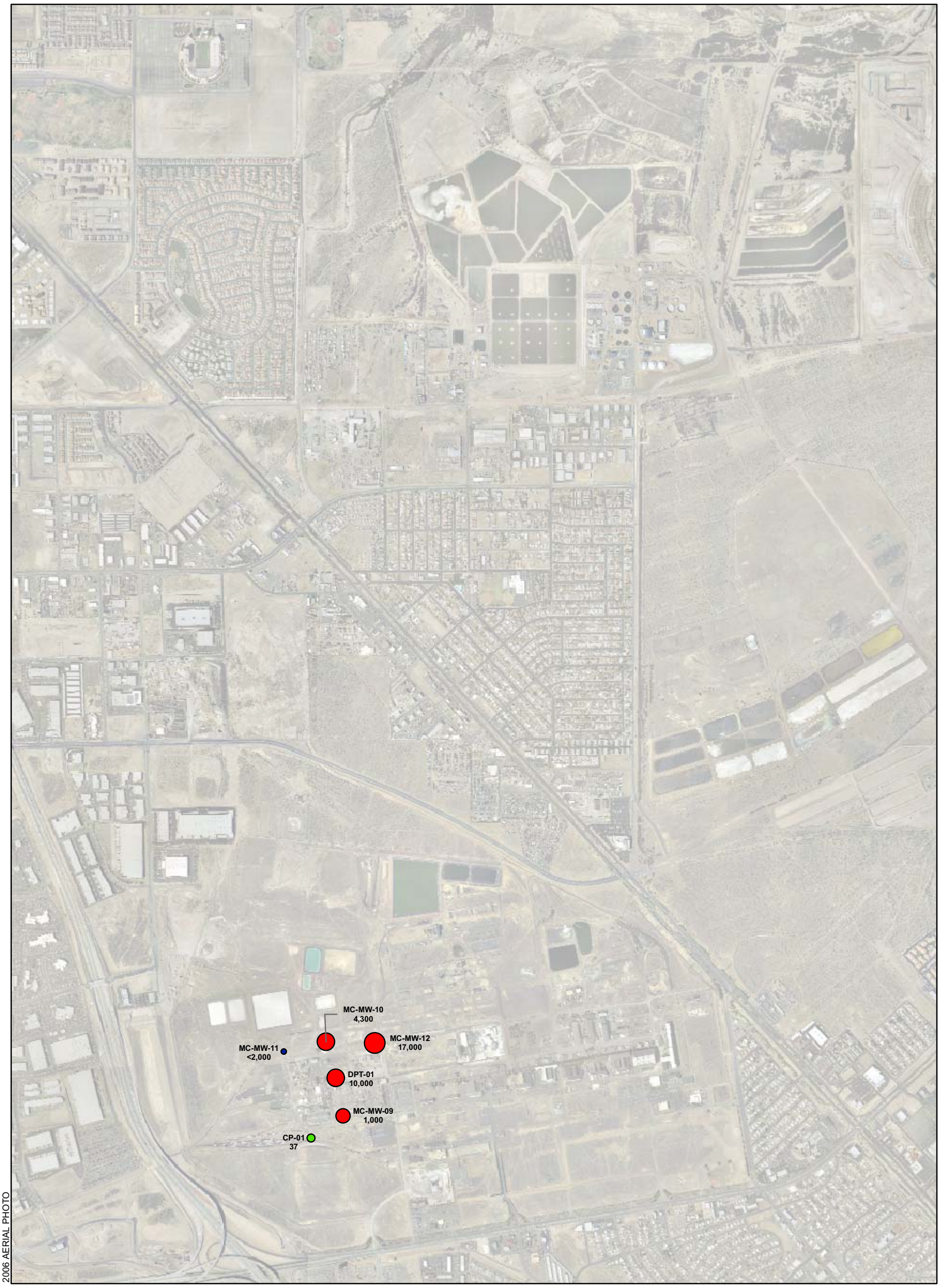
FIGURE 23

PREP BY RGW REV BY BRW RPT NO 754.28 14DCB-Alluvial.mxd



EXPLANATION

1,4-DICHLOROBENZENE CONCENTRATION
EPA METHOD: 8260B

- NON-DETECT
- < 75 ug/l (MAXIMUM CONTAMINANT LEVEL)
- 75 - 100 ug/l
- 100 - 1,000 ug/l
- 1,000 - 10,000 ug/l
- 10,000 - 100,000 ug/l
- > 100,000 ug/l

CP-01 37 — MONITOR WELL
CONCENTRATION IN MICROGRAMS PER LITER
JANUARY 2007

< — LESS THAN; COMPOUND WAS NOT DETECTED AT OR ABOVE THE REPORTED DETECTION LIMIT

ug/l — MICROGRAMS PER LITER

N

0 750 1,500
Feet

MONTROSE CHEMICAL CORPORATION OF CALIFORNIA
HENDERSON, NEVADA

1,4-DICHLOROBENZENE
SECOND WATER-BEARING ZONE
FIRST QUARTER 2007

HARGIS + ASSOCIATES, INC.
HYDROGEOLOGY • ENGINEERING

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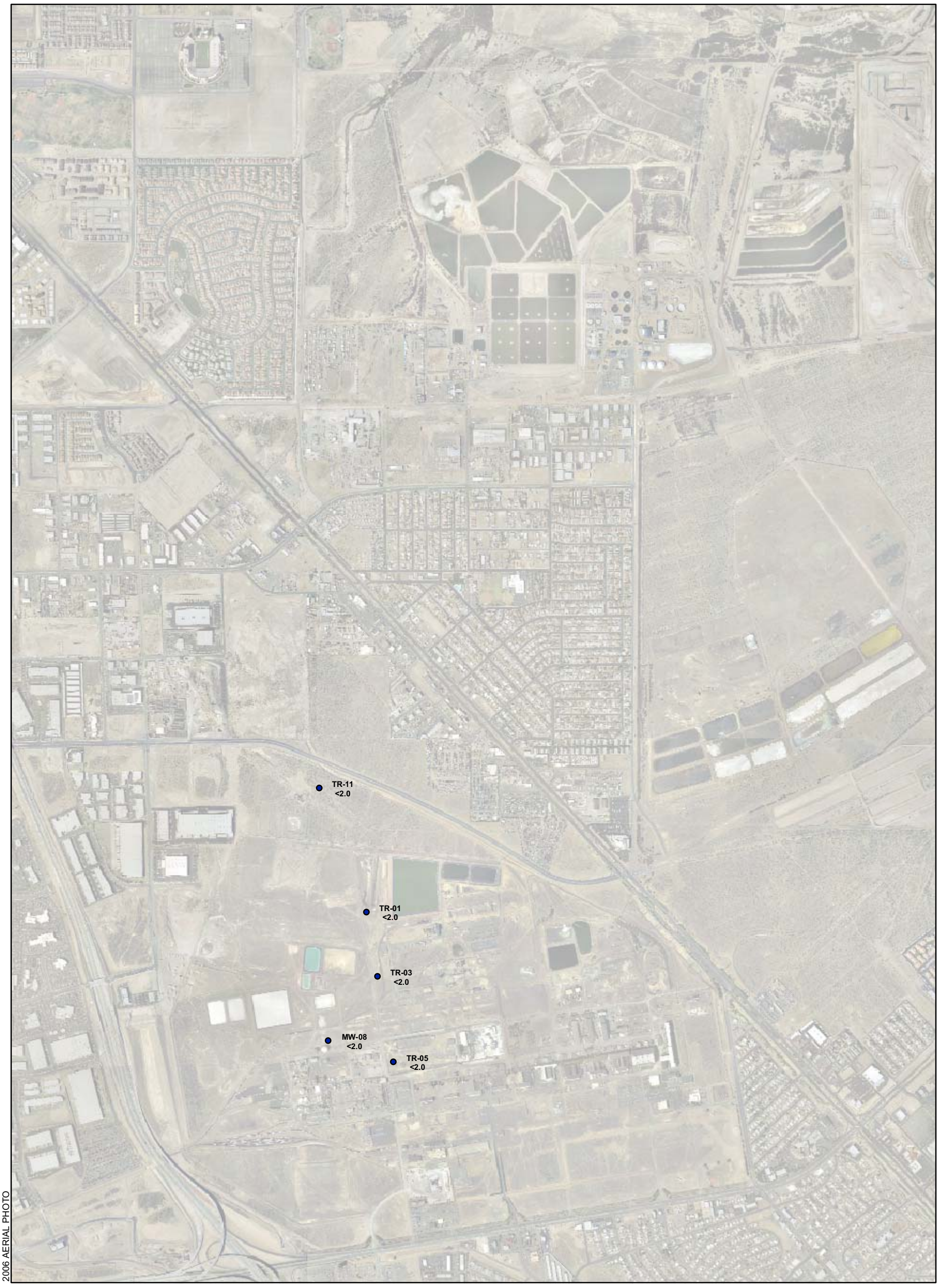
FIGURE 24

PREP BY RGW REV BY BRW RPT NO 754.28 14DCB-2ndWB mxd



EXPLANATION

1,4-DICHLOROBENZENE CONCENTRATION
EPA METHOD: 8260B

- NON-DETECT
- < 75 ug/l (MAXIMUM CONTAMINANT LEVEL)
- 75 - 100 ug/l
- 100 - 1,000 ug/l
- 1,000 - 10,000 ug/l
- 10,000 - 100,000 ug/l
- > 100,000 ug/l

TR-05 <2.0 — MONITOR WELL
CONCENTRATION IN MICROGRAMS PER LITER
JANUARY 2007

< — LESS THAN; COMPOUND WAS NOT DETECTED AT OR ABOVE THE REPORTED DETECTION LIMIT

ug/l — MICROGRAMS PER LITER

N

0 750 1,500
Feet

MONTROSE CHEMICAL CORPORATION OF CALIFORNIA

HENDERSON, NEVADA

1,4-DICHLOROBENZENE
THIRD WATER-BEARING ZONE
FIRST QUARTER 2007

HARGIS + ASSOCIATES, INC.
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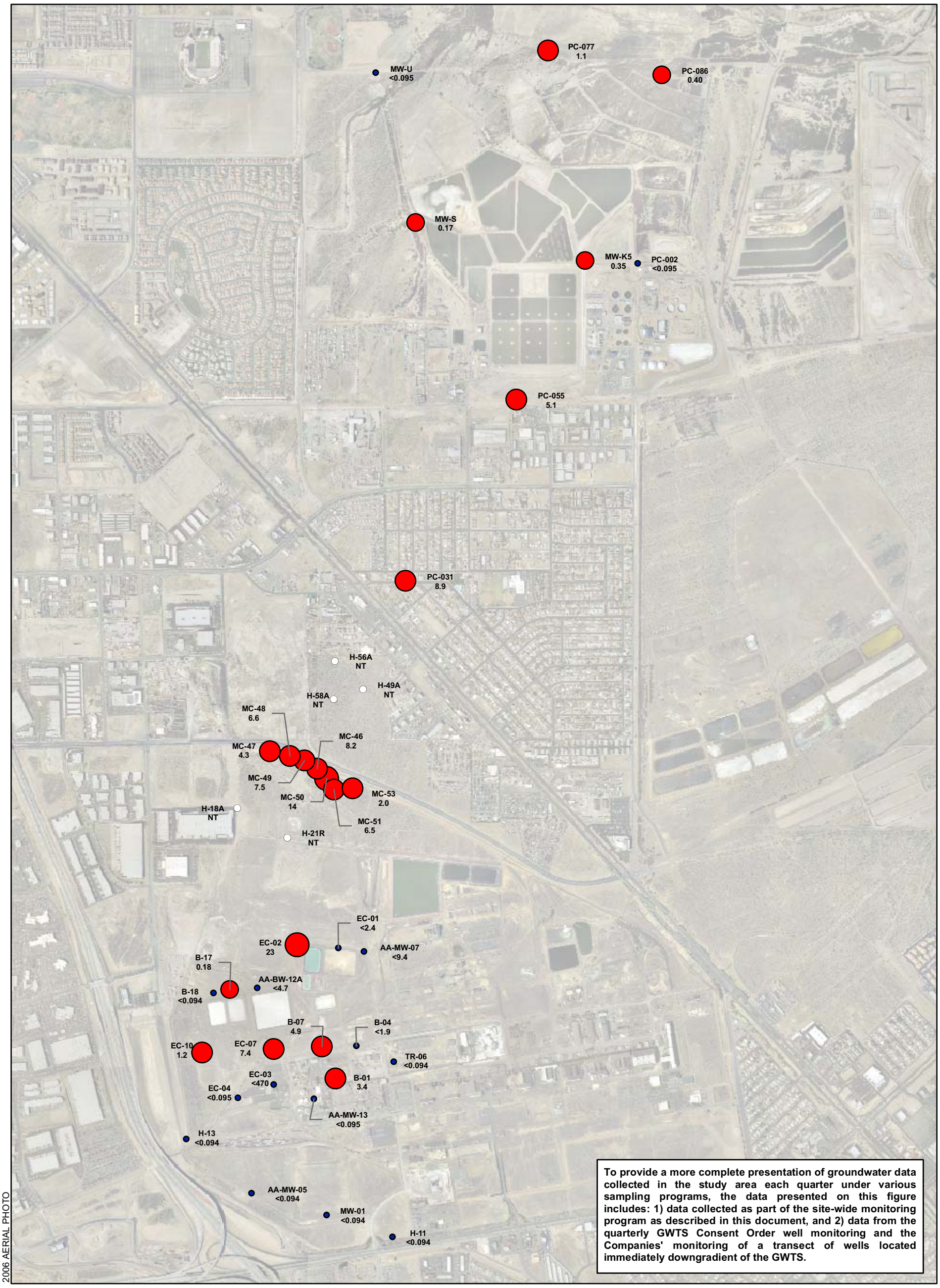
FIGURE 25

PREP BY RGW REV BY BRW RPT NO 754.28 | 14DCB-3rdWB | mxd



To provide a more complete presentation of groundwater data collected in the study area each quarter under various sampling programs, the data presented on this figure includes: 1) data collected as part of the site-wide monitoring program as described in this document, and 2) data from the quarterly GWTS Consent Order well monitoring and the Companies' monitoring of a transect of wells located immediately downgradient of the GWTS.

EXPLANATION

BETA-BHC CONCENTRATION
EPA METHOD: 8081A

- NOT TESTED
- NON-DETECT
- < 0.037 ug/L (PRG)
- 0.037 - 0.1 ug/l
- 0.1 - 1.0 ug/l
- 1.0 - 10 ug/l
- > 10 ug/l

B-17 0.18 — MONITOR WELL
CONCENTRATION IN MICROGRAMS PER LITER
JANUARY 2007

NT — SAMPLES COLLECTED FROM WELL NOT TESTED FOR THIS PARAMETER

ug/L — MICROGRAMS PER LITER

PRG — EPA REGION IX PRELIMINARY REMEDIATION GOAL FOR TAP WATER

N

0 750 1,500
Feet

MONTROSE CHEMICAL CORPORATION OF CALIFORNIA
HENDERSON, NEVADA

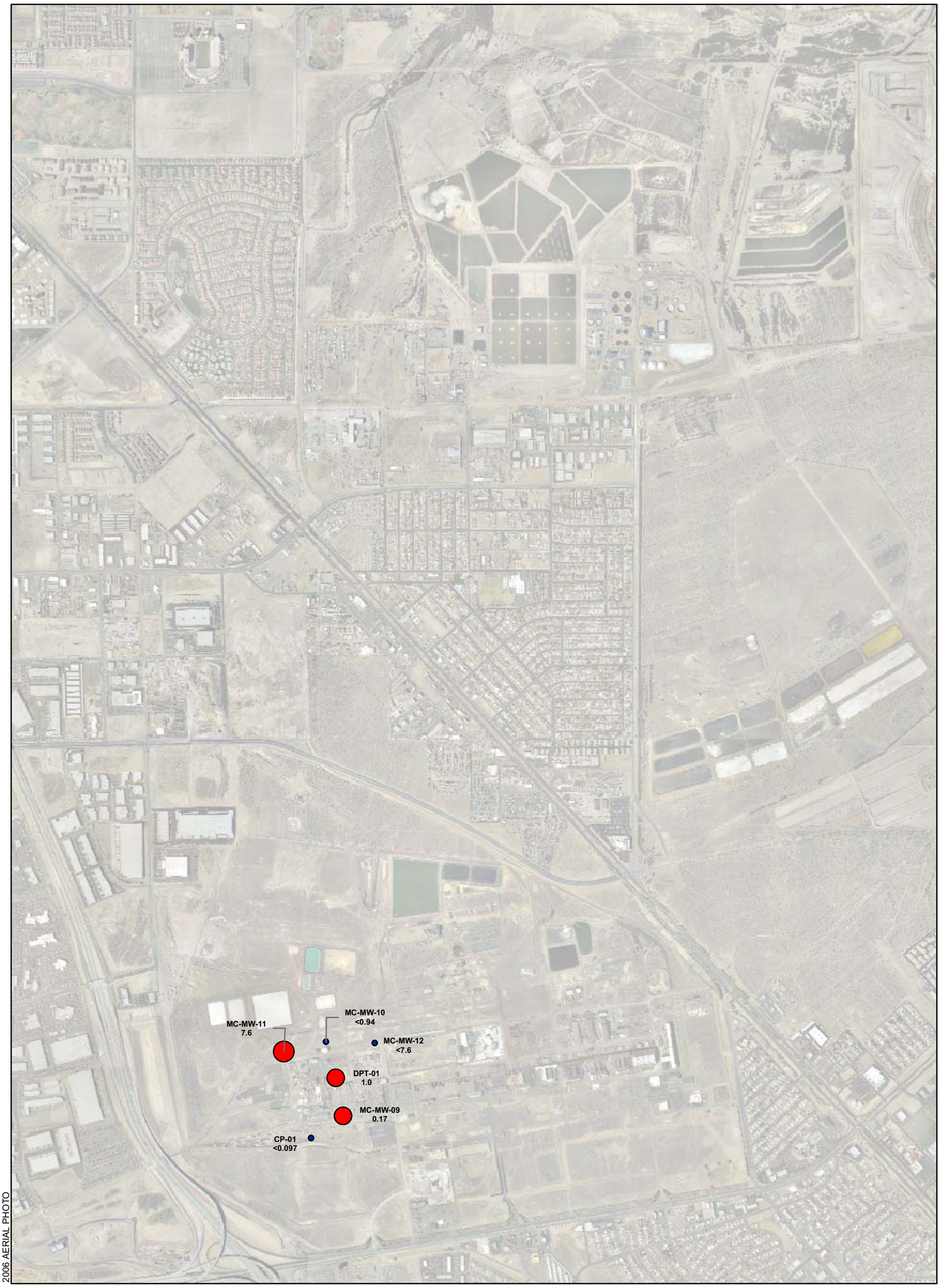
BETA-BHC
ALLUVIAL AQUIFER
FIRST QUARTER 2007

HARGIS + ASSOCIATES, INC.
HYDROGEOLOGY • ENGINEERING

03/27/2007

FIGURE 26

PREP BY RGW REV BY BRW RPT NO 754.28 BBHC-Alluvial.mxd



EXPLANATION

BETA-BHC CONCENTRATION
EPA METHOD: 8081A

- NON-DETECT
- < 0.037 ug/L (PRG)
- 0.037 - 0.1 ug/l
- 0.1 - 1.0 ug/l
- 1.0 - 10 ug/l
- > 10 ug/l

CP-01 <0.097 — MONITOR WELL CONCENTRATION IN MICROGRAMS PER LITER JANUARY 2007

ug/L — MICROGRAMS PER LITER

PRG — EPA REGION IX PRELIMINARY REMEDIATION GOAL FOR TAP WATER

N

0 750 1,500
Feet

MONTROSE CHEMICAL CORPORATION OF CALIFORNIA
HENDERSON, NEVADA

BETA-BHC
SECOND WATER-BEARING ZONE
FIRST QUARTER 2007

HARGIS + ASSOCIATES, INC.
HYDROGEOLOGY • ENGINEERING

03/27/2007

FIGURE 27

PREP BY RGW REV BY BRW RPT NO 754.28 BBHC-Second WBZ.mxd

EXPLANATION

BETA-BHC CONCENTRATION
EPA METHOD: 8081A

- NON-DETECT
- < 0.037 ug/L (PRG)
- 0.037 - 0.1 ug/l
- 0.1 - 1.0 ug/l
- 1.0 - 10 ug/l
- > 10 ug/l

TR-05 <0.094 MONITOR WELL CONCENTRATION IN MICROGRAMS PER LITER JANUARY 2007

ug/L MICROGRAMS PER LITER

PRG EPA REGION IX PRELIMINARY REMEDIATION GOAL FOR TAP WATER

N

0 750 1,500
Feet

MONTROSE CHEMICAL CORPORATION OF CALIFORNIA
HENDERSON, NEVADA

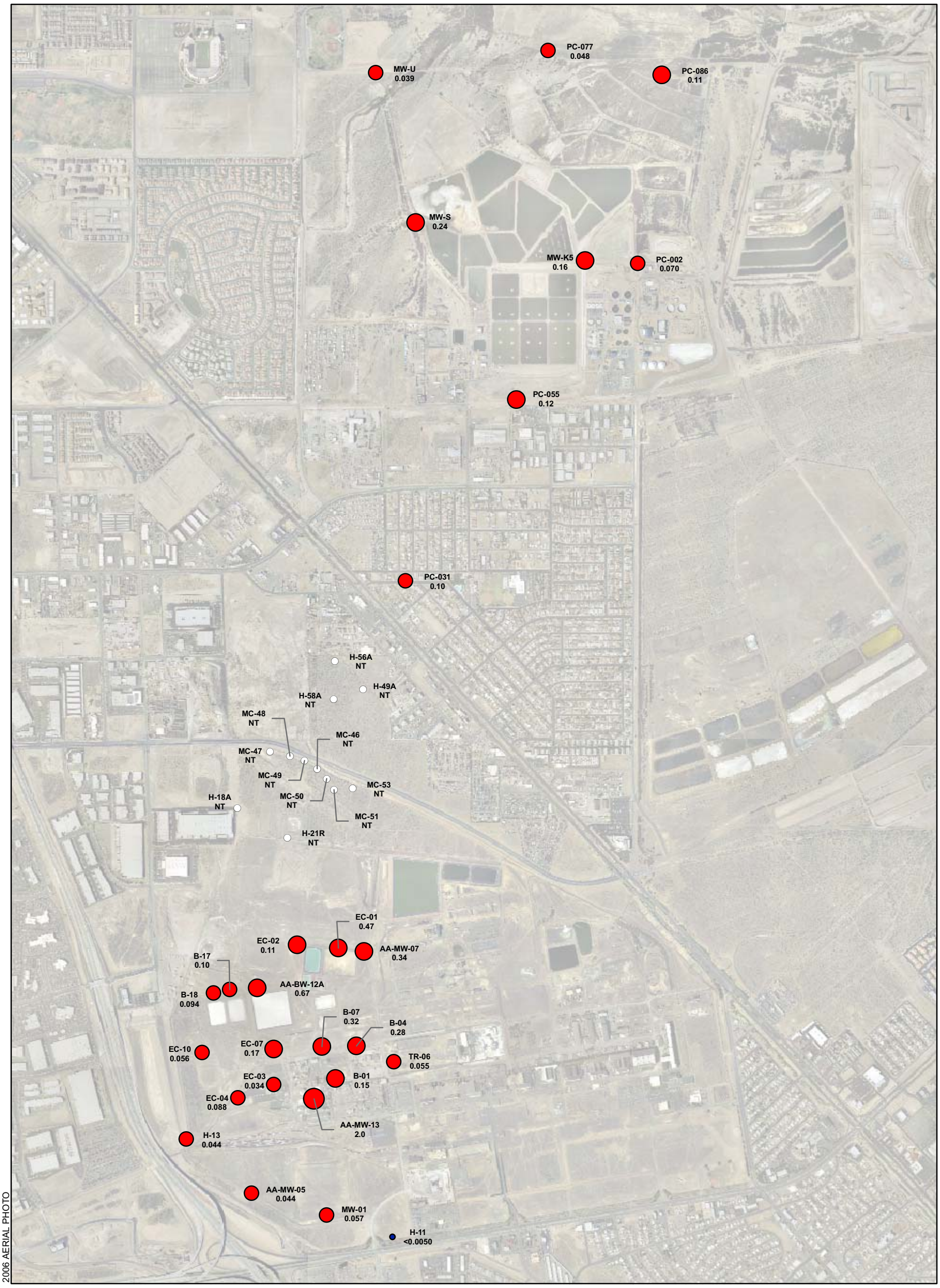
BETA-BHC
THIRD WATER-BEARING ZONE
FIRST QUARTER 2007

HARGIS + ASSOCIATES, INC.
HYDROGEOLOGY • ENGINEERING

03/27/2007

FIGURE 28

PREP BY RGW REV BY BRW RPT NO 754.28 BBHC-third WBZ mxd



EXPLANATION

ARSENIC CONCENTRATION
EPA METHOD: 6020

- NOT TESTED
- NON-DETECT
- < 0.010 mg/l (MAXIMUM CONTAMINANT LEVEL)
- 0.010 - 0.1 mg/l
- 0.1 - 1.0 mg/l
- 1.0 - 10 mg/l
- > 10 mg/l

B-17 0.10 — MONITOR WELL CONCENTRATION IN MILLIGRAMS PER LITER JANUARY 2007

< — LESS THAN; COMPOUND WAS NOT DETECTED AT OR ABOVE THE REPORTED DETECTION LIMIT

NT — SAMPLES COLLECTED FROM WELL NOT TESTED FOR THIS PARAMETER

mg/L — MILLIGRAMS PER LITER

N

0 750 1,500
Feet

MONTROSE CHEMICAL CORPORATION OF CALIFORNIA
HENDERSON, NEVADA

ARSENIC
ALLUVIAL AQUIFER
FIRST QUARTER 2007

HARGIS + ASSOCIATES, INC.
HYDROGEOLOGY • ENGINEERING

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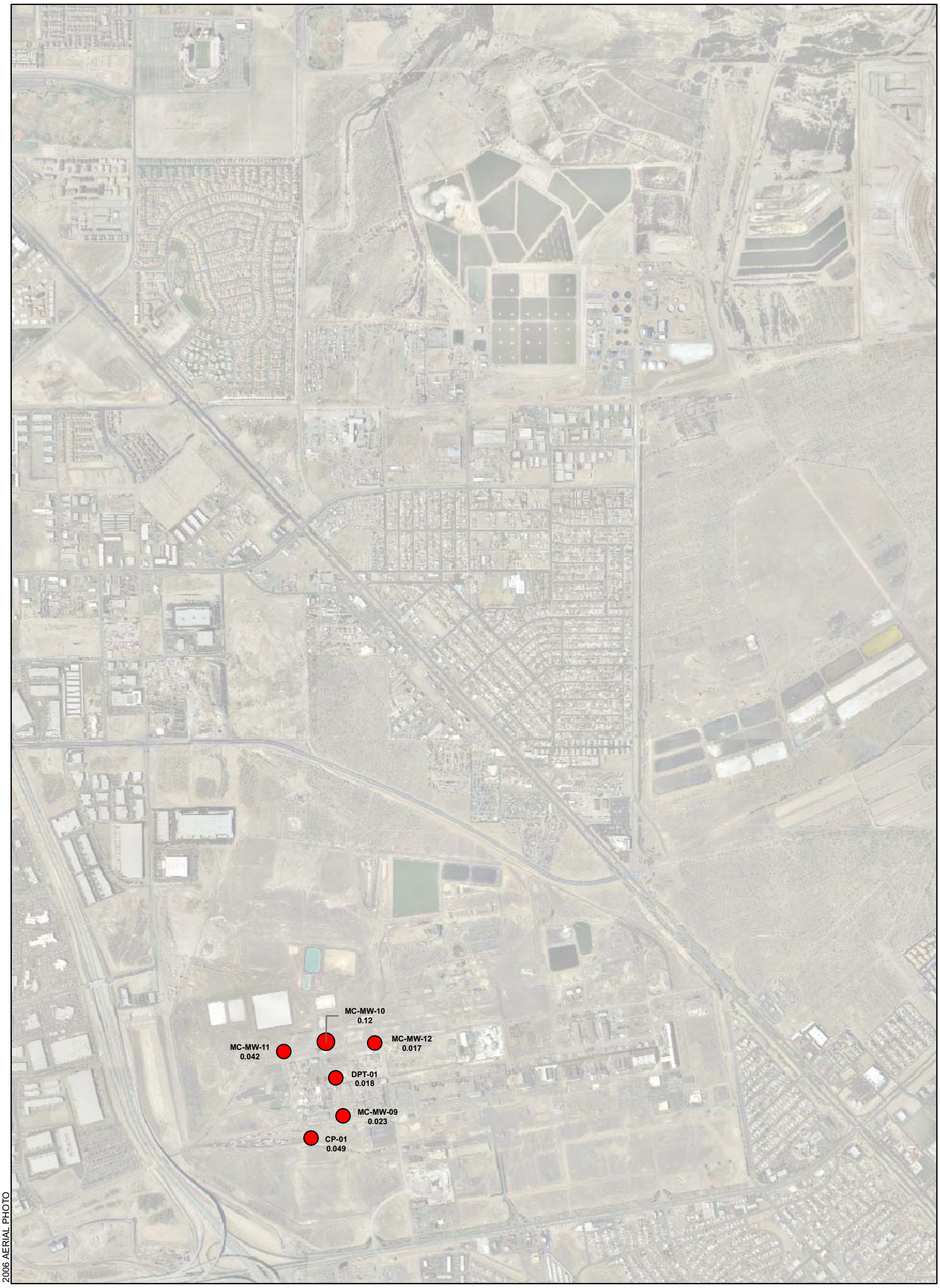
FIGURE 29

PREP BY RGW REV BY BRW RPT NO 754.28 MCB-Alluvial.mxd



EXPLANATION

ARSENIC CONCENTRATION
EPA METHOD: 6020

- NON-DETECT
- < 0.010 mg/l (MAXIMUM CONTAMINANT LEVEL)
- 0.010 - 0.1 mg/l
- 0.1 - 1.0 mg/l
- 1.0 - 10 mg/l
- > 10 mg/l

CP-01 0.049 MONITOR WELL
CONCENTRATION IN MILLIGRAMS PER LITER
JANUARY 2007

NT SAMPLES COLLECTED FROM WELL NOT TESTED FOR THIS PARAMETER

mg/L MILLIGRAMS PER LITER

N

0 750 1,500
Feet

MONTROSE CHEMICAL CORPORATION OF CALIFORNIA
HENDERSON, NEVADA

ARSENIC
SECOND WATER-BEARING ZONE
FIRST QUARTER 2007

HARGIS + ASSOCIATES, INC.
HYDROGEOLOGY • ENGINEERING

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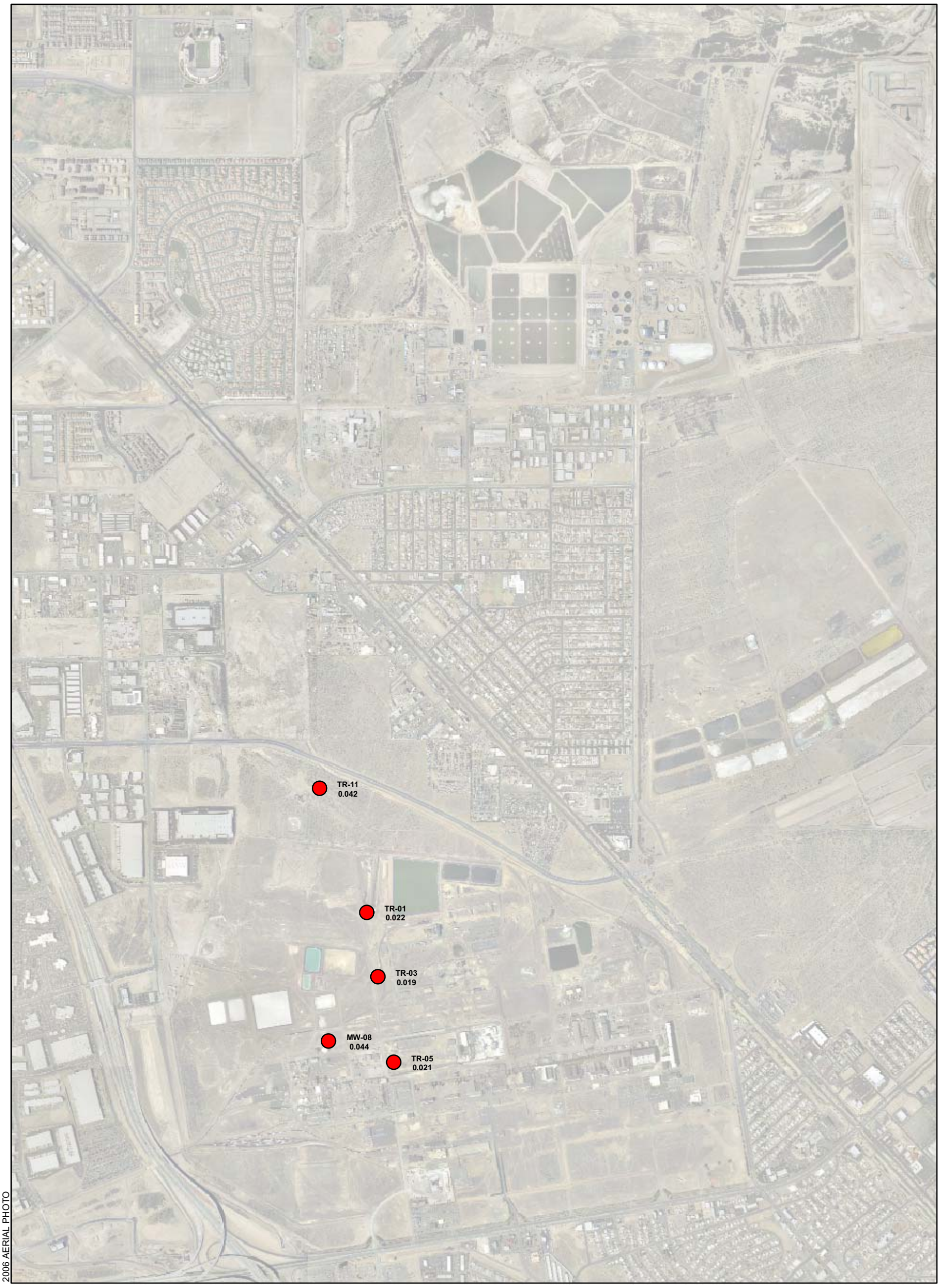
FIGURE 30

PREP BY RGW REV BY BRW RPT NO 754.28 AS-SecondWBZ.mxd



EXPLANATION

ARSENIC CONCENTRATION
EPA METHOD: 6020

- NON-DETECT
- < 0.010 mg/l (MAXIMUM CONTAMINANT LEVEL)
- 0.010 - 0.1 mg/l
- 0.1 - 1.0 mg/l
- 1.0 - 10 mg/l
- > 10 mg/l

TR-05 **0.021** MONITOR WELL CONCENTRATION IN MILLIGRAMS PER LITER JANUARY 2007

NT SAMPLES COLLECTED FROM WELL NOT TESTED FOR THIS PARAMETER

mg/L MILLIGRAMS PER LITER

N

0 750 1,500
Feet

MONTROSE CHEMICAL CORPORATION OF CALIFORNIA
HENDERSON, NEVADA

ARSENIC
THIRD WATER-BEARING ZONE
FIRST QUARTER 2007

HARGIS + ASSOCIATES, INC.
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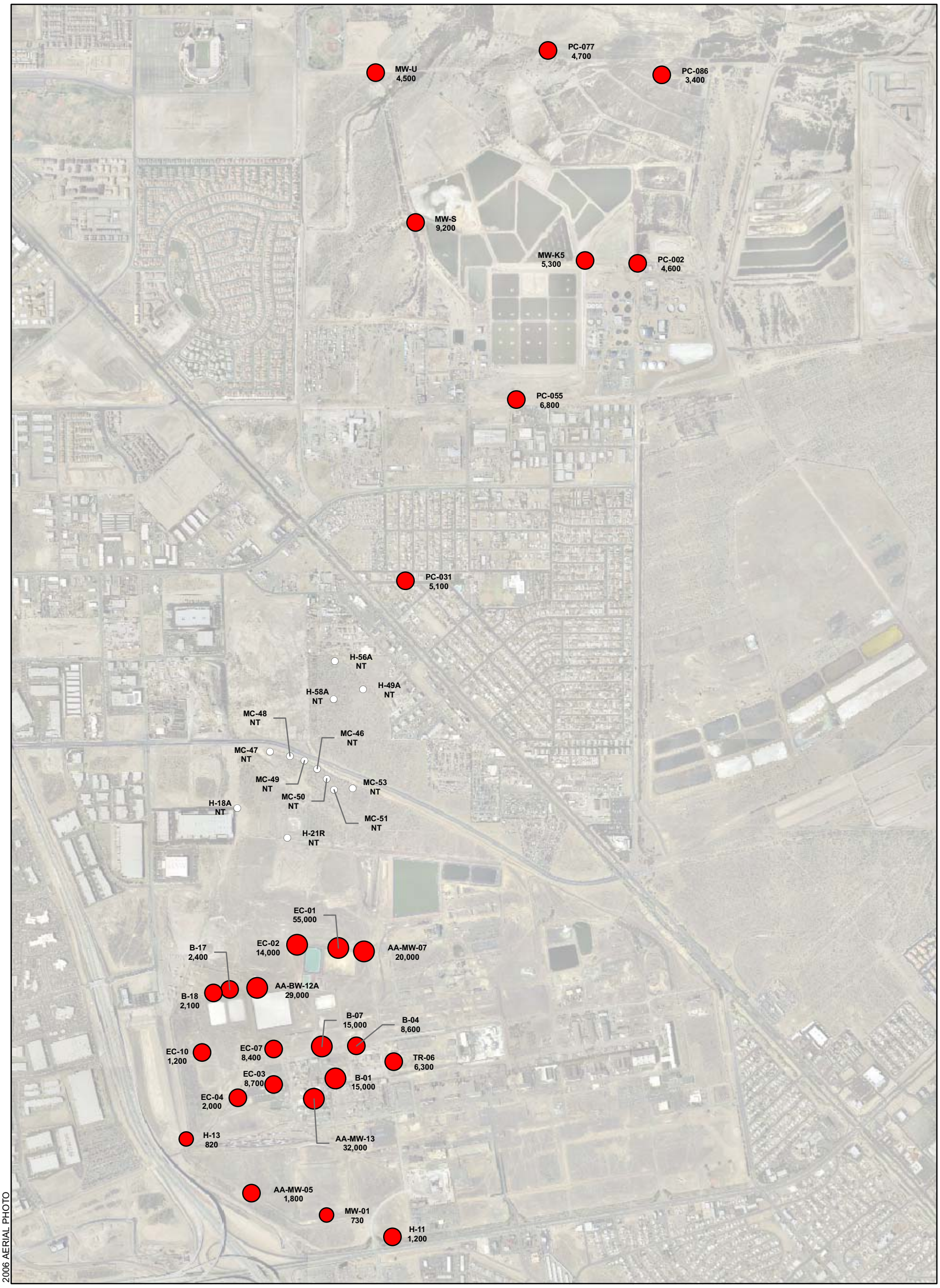
FIGURE 31

PREP BY RGW REV BY BRW RPT NO 754.28 AS-THIRDWBZ.mxd



EXPLANATION

TOTAL DISSOLVED SOLIDS CONCENTRATION
EPA METHOD: 160.1

- NOT TESTED
- < 500 mg/l (SECONDARY MAXIMUM CONTAMINANT LEVEL)
- 500 - 1,000 mg/l
- 1,000 - 10,000 mg/l
- 10,000 - 100,000 mg/l
- > 100,000 mg/l

B-17 2,400 — MONITOR WELL CONCENTRATION IN MILLIGRAMS PER LITER JANUARY 2007

NT — SAMPLES COLLECTED FROM WELL NOT TESTED FOR THIS PARAMETER

mg/L — MILLIGRAMS PER LITER

N

0 750 1,500
Feet

MONTROSE CHEMICAL CORPORATION OF CALIFORNIA
HENDERSON, NEVADA

TOTAL DISSOLVED SOLIDS
ALLUVIAL AQUIFER
FIRST QUARTER 2007

HARGIS + ASSOCIATES, INC.
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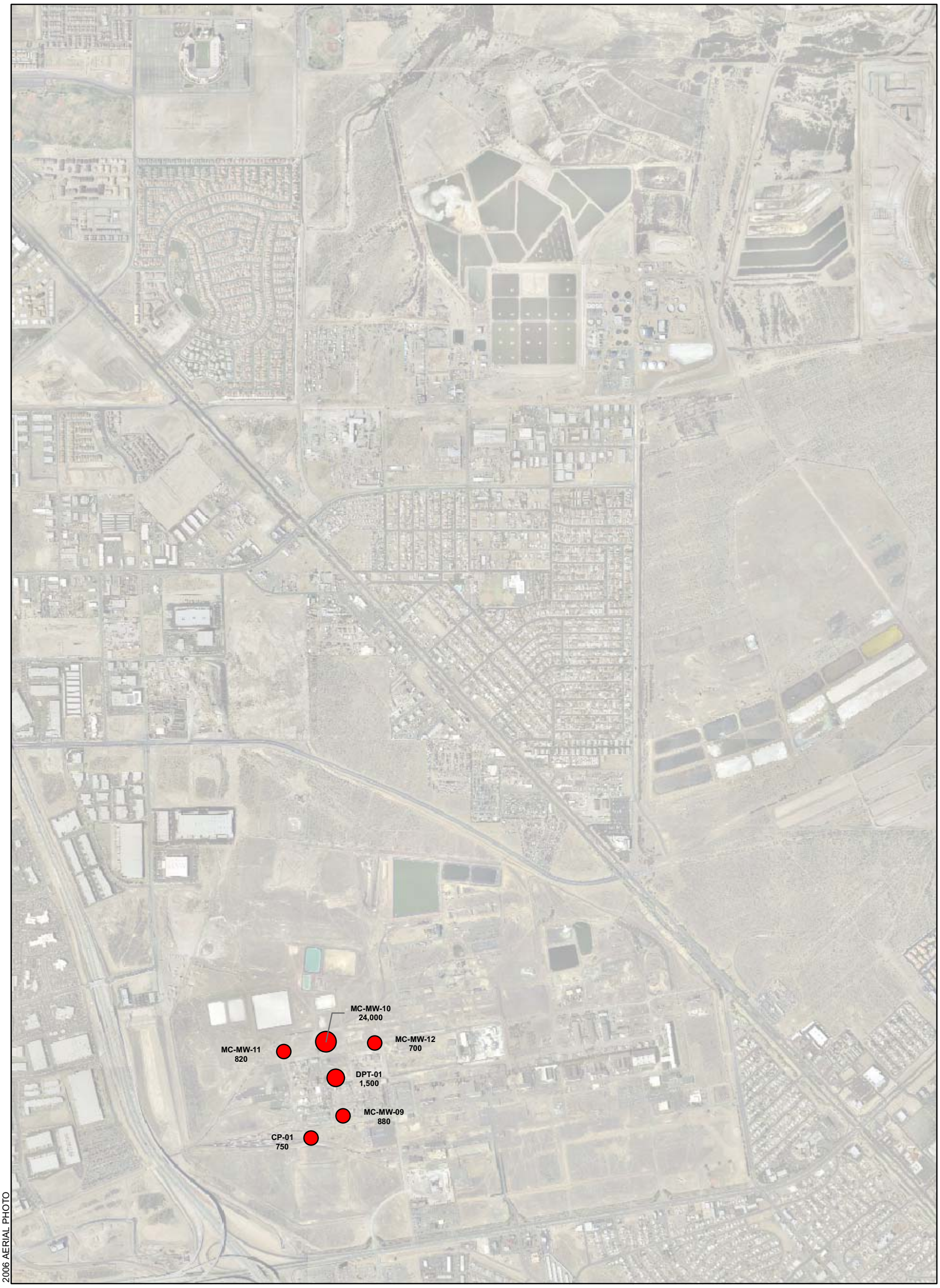
FIGURE 32

PREP BY RGW REV BY BRW RPT NO 754.28 TDS-Alluvial.mxd



EXPLANATION

TOTAL DISSOLVED SOLIDS CONCENTRATION
EPA METHOD: 160.1

- < 500 mg/l (SECONDARY MAXIMUM CONTAMINANT LEVEL)
- 500 - 1,000 mg/l
- 1,000 - 10,000 mg/l
- 10,000 - 100,000 mg/l
- > 100,000 mg/l

CP-01 750 — MONITOR WELL CONCENTRATION IN MILLIGRAMS PER LITER JANUARY 2007

NT — SAMPLES COLLECTED FROM WELL NOT TESTED FOR THIS PARAMETER

mg/L — MILLIGRAMS PER LITER

N

0 750 1,500
Feet

MONTROSE CHEMICAL CORPORATION OF CALIFORNIA
HENDERSON, NEVADA

TOTAL DISSOLVED SOLIDS
SECOND WATER-BEARING ZONE
FIRST QUARTER 2007

HARGIS + ASSOCIATES, INC.
HYDROGEOLOGY • ENGINEERING

03/27/2007

FIGURE 33

PREP BY RGW REV BY BRW RPT NO 754.28 TDS-Second WBZ.mxd

EXPLANATION

TOTAL DISSOLVED SOLIDS CONCENTRATION
EPA METHOD: 160.1

- < 500 mg/l (SECONDARY MAXIMUM CONTAMINANT LEVEL)
- 500 - 1,000 mg/l
- 1,000 - 10,000 mg/l
- 10,000 - 100,000 mg/l
- > 100,000 mg/l

TR-05 720 — MONITOR WELL
CONCENTRATION IN MILLIGRAMS PER LITER
JANUARY 2007

NT — SAMPLES COLLECTED FROM WELL NOT TESTED FOR THIS PARAMETER

mg/L — MILLIGRAMS PER LITER

N

0 750 1,500
Feet

MONTROSE CHEMICAL CORPORATION OF CALIFORNIA
HENDERSON, NEVADA

TOTAL DISSOLVED SOLIDS
THIRD WATER-BEARING ZONE
FIRST QUARTER 2007

HARGIS + ASSOCIATES, INC.
HYDROGEOLOGY • ENGINEERING

03/27/2007

FIGURE 34

PREP BY RGW REV BY BRW RPT NO 754.28 | TDS-THIRD WBZ.mxd