

3. ANALYTICAL
REPORT, IAM END
POINT CONFIRMATION
SAMPLES, 7-12-91



N.Y.S. DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF HAZARDOUS WASTE REMEDIATION
BUREAU OF HAZARDOUS SITE CONTROL

* ANALYTICAL REPORT *

SITE NAME: DZUS FASTENERS

SITE CODE: 52033

IRM
End pt
confirmatory samples
for Dzus
excavation pts

SUBMITTED BY: JAMIE ASHER

DATE OF REPORT: 7/12/91

DATA RELEASED BY: F. WOODWARD

REPORT QUALIFIERS: NONE

Cd 130 - 400
1.5 - 10
(1)

BY F. WOODWARD

Metal plating shop excavation
pit, North S. Jewell, ~ 27'

N.Y.S. DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF HAZARDOUS WASTE REMEDIATION
BUREAU OF HAZARDOUS SITE CONTROL

east from
western extreme
of pit.

H.S.L. METALS REPORT

SITE NAME: DZUS FASTENERS
FIELD ID: SH-191-044-152033-02

SAMPLE NUMBER: 191-112-01
DATE COLLECTED: 4/30/91
DATE ANALYZED: 7/2/91
DATE REPORTED: 7/9/91

SITE CODE: 52033
MATRIX: SOIL
PERCENT SOLIDS: 92 %
CONC. UNITS: ~~ug/kg~~ mg/kg BS
ARCHIVE NO.: M11201 7/3/92

METAL	CONC	
ALUMINIUM	NR	
ANTIMONY	NR	NR = NOT REQUESTED
ARSENIC	NR	
BARIUM	NR	
BERYLLIUM	NR	
CADMIUM	40	
CALCIUM	NR	
CHROMIUM	1980	2 BS 7/3/92
COBALT	NR	
COPPER	NR	
IRON	NR	
LEAD	NR	
MAGNESIUM	NR	
MANGANESE	NR	
MERCURY	NR	
NICKEL	NR	
POTASSIUM	NR	
SELENIUM	NR	
SILVER	NR	
SODIUM	NR	
THALLIUM	NR	
TIN	NR	
VANADIUM	NR	
ZINC	NR	

COMMENTS:

N.Y.S. DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF HAZARDOUS WASTE REMEDIATION
BUREAU OF HAZARDOUS SITE CONTROL

H.S.L. METALS REPORT

SITE NAME: DZUS FASTENERS
FIELD ID: SH-191-044-152033-03

SAMPLE NUMBER: 191-112-02
DATE COLLECTED: 4/30/91
DATE ANALYZED: 7/2/91
DATE REPORTED: 7/9/91

SITE CODE: 52033

MATRIX: SOIL

PERCENT SOLIDS: 96 %

CONC. UNITS: ~~ug/Kg~~ mg/Kg BS 7/3/92

ARCHIVE NO.: M11202

Bottom Sample
middle of excavation
p.t (metal plating shop)
≈ 27' west of
western boundary

METAL	CONC	
ALUMINIUM	NR	NR = NOT REQUESTED
ANTIMONY	NR	
ARSENIC	NR	
BARIUM	NR	
BERYLLIUM	NR	
CADMIUM	38	
CALCIUM	NR	
CHROMIUM	10	
COBALT	NR	
COPPER	NR	
IRON	NR	
LEAD	NR	
MAGNESIUM	NR	
MANGANESE	NR	
MERCURY	NR	
NICKEL	NR	
POTASSIUM	NR	
SELENIUM	NR	
SILVER	NR	
SODIUM	NR	
THALLIUM	NR	
TIN	NR	
VANADIUM	NR	
ZINC	NR	

COMMENTS:

N.Y.S. DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF HAZARDOUS WASTE REMEDIATION
BUREAU OF HAZARDOUS SITE CONTROL

H.S.L. METALS REPORT

SITE NAME: DZUS FASTENERS
FIELD ID: SH-191-044-152033-06

SAMPLE NUMBER: 191-112-05
DATE COLLECTED: 4/30/91
DATE ANALYZED: 7/2/91
DATE REPORTED: 7/9/91

SITE CODE: 52033

MATRIX: SOIL

PERCENT SOLIDS: 78 %

CONC. UNITS: ~~ug/kg~~ mg/kg BS
7/3/91

ARCHIVE NO.: M11205

METAL	CONC	
ALUMINIUM	NR	
ANTIMONY	NR	
ARSENIC	NR	
BARIUM	NR	
BERYLLIUM	NR	
CADMIUM	300	
CALCIUM	NR	
CHROMIUM	1400	
COBALT	NR	
COPPER	NR	
IRON	NR	
LEAD	NR	
MAGNESIUM	NR	
MANGANESE	NR	
MERCURY	NR	
NICKEL	NR	
POTASSIUM	NR	
SELENIUM	NR	
SILVER	NR	
SODIUM	NR	
THALLIUM	NR	
TIN	NR	
VANADIUM	NR	
ZINC	NR	

NR = NOT REQUESTED

COMMENTS:

N.Y.S. DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF HAZARDOUS WASTE REMEDIATION
BUREAU OF HAZARDOUS SITE CONTROL

H.S.L. METALS REPORT

SITE NAME: DZUS FASTENERS
FIELD ID: SH-191-044-152033-07

SAMPLE NUMBER: 191-112-06
DATE COLLECTED: 4/30/91
DATE ANALYZED: 7/2/91
DATE REPORTED: 7/9/91

SITE CODE: 52033
MATRIX: SOIL
PERCENT SOLIDS: 97 %
CONC. UNITS: ~~ug/kg~~ mg/kg BS
ARCHIVE NO.: M11206

7/13/91

METAL	CONC	
ALUMINIUM	NR	NR = NOT REQUESTED
ANTIMONY	NR	
ARSENIC	NR	
BARIUM	NR	
BERYLLIUM	NR	
CADMIUM	5U	
CALCIUM	NR	
CHROMIUM	10U	
COBALT	NR	
COPPER	NR	
IRON	NR	
LEAD	NR	
MAGNESIUM	NR	
MANGANESE	NR	
MERCURY	NR	
NICKEL	NR	
POTASSIUM	NR	
SELENIUM	NR	
SILVER	NR	
SODIUM	NR	
THALLIUM	NR	
TIN	NR	
VANADIUM	NR	
ZINC	NR	

COMMENTS:

N.Y.S. DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF HAZARDOUS WASTE REMEDIATION
BUREAU OF HAZARDOUS SITE CONTROL

H.S.L. METALS REPORT

SITE NAME: DZUS FASTENERS
FIELD ID: SH-191-044-152033-08

SAMPLE NUMBER: 191-112-07
DATE COLLECTED: 4/30/91
DATE ANALYZED: 7/2/91
DATE REPORTED: 7/9/91

SITE CODE: 52033
MATRIX: SOIL
PERCENT SOLIDS: 95 %
CONC. UNITS: ~~ug/kg~~ mg/kg BS
ARCHIVE NO.: M11207

7/3/92

METAL	CONC	
ALUMINIUM	NR	
ANTIMONY	NR	NR = NOT REQUESTED
ARSENIC	NR	
BARIUM	NR	
BERYLLIUM	NR	
CADMIUM	130	
CALCIUM	NR	
CHROMIUM	20	
COBALT	NR	
COPPER	NR	
IRON	NR	
LEAD	NR	
MAGNESIUM	NR	
MANGANESE	NR	
MERCURY	NR	
NICKEL	NR	
POTASSIUM	NR	
SELENIUM	NR	
SILVER	NR	
SODIUM	NR	
THALLIUM	NR	
TIN	NR	
VANADIUM	NR	
ZINC	NR	

COMMENTS:

N.Y.S. DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF HAZARDOUS WASTE REMEDIATION
BUREAU OF HAZARDOUS SITE CONTROL

H.S.L. METALS REPORT

SITE NAME: DZUS FASTENERS
FIELD ID: SH-191-044-152033-09

SAMPLE NUMBER: 191-112-08
DATE COLLECTED: 4/30/91
DATE ANALYZED: 7/2/91
DATE REPORTED: 7/9/91

SITE CODE: 52033
MATRIX: SOIL
PERCENT SOLIDS: 91 %
CONC. UNITS: ~~ug/kg~~ mg/kg BS
ARCHIVE NO.: M11208

7/3/92

METAL	CONC	
ALUMINIUM	NR	NR = NOT REQUESTED
ANTIMONY	NR	
ARSENIC	NR	
BARIUM	NR	
BERYLLIUM	NR	
CADMIUM	830	
CALCIUM	NR	
CHROMIUM	150	
COBALT	NR	
COPPER	NR	
IRON	NR	
LEAD	NR	
MAGNESIUM	NR	
MANGANESE	NR	
MERCURY	NR	
NICKEL	NR	
POTASSIUM	NR	
SELENIUM	NR	
SILVER	NR	
SODIUM	NR	
THALLIUM	* NR	
TIN	* NR	
VANADIUM	* NR	
ZINC	NR	

COMMENTS:

N.Y.S. DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF HAZARDOUS WASTE REMEDIATION
BUREAU OF HAZARDOUS SITE CONTROL

H.S.L. METALS REPORT

SITE NAME: DZUS FASTENERS
FIELD ID: SH-191-044-152033-10

SAMPLE NUMBER: 191-112-09
DATE COLLECTED: 4/30/91
DATE ANALYZED: 7/2/91
DATE REPORTED: 7/9/91

SITE CODE: 52033

MATRIX: SOIL

PERCENT SOLIDS: 91 %

CONC. UNITS: ~~ug/Kg~~ mg/Kg BS

ARCHIVE NO.: M11209

7/3/92

METAL	CONC	
ALUMINIUM	NR	NR = NOT REQUESTED
ANTIMONY	NR	
ARSENIC	NR	
BARIUM	NR	
BERYLLIUM	NR	
CADMIUM	90	
CALCIUM	NR	
CHROMIUM	30	
COBALT	NR	
COPPER	NR	
IRON	NR	
LEAD	NR	
MAGNESIUM	NR	
MANGANESE	NR	
MERCURY	NR	
NICKEL	NR	
POTASSIUM	NR	
SELENIUM	NR	
SILVER	NR	
SODIUM	NR	
THALLIUM	NR	
TIN	NR	
VANADIUM	NR	
ZINC	NR	

COMMENTS:

N.Y.S. DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF HAZARDOUS WASTE REMEDIATION
BUREAU OF HAZARDOUS SITE CONTROL

H.S.L. METALS REPORT

SITE NAME: DZUS FASTENERS
FIELD ID: SH-191-044-152033-11

SAMPLE NUMBER: 191-112-10
DATE COLLECTED: 4/30/91
DATE ANALYZED: 7/2/91
DATE REPORTED: 7/9/91

SITE CODE: 52033

MATRIX: SOIL

PERCENT SOLIDS: 92 %

CONC. UNITS: ~~ug/kg~~ mg/kg BS

ARCHIVE NO.: M11210

7/13/92

METAL	CONC	
ALUMINIUM	NR	NR = NOT REQUESTED
ANTIMONY	NR	
ARSENIC	NR	
BARIUM	NR	
BERYLLIUM	NR	
CADMIUM	11	
CALCIUM	NR	
CHROMIUM	100	
COBALT	NR	
COPPER	NR	
IRON	NR	
LEAD	NR	
MAGNESIUM	NR	
MANGANESE	NR	
MERCURY	NR	
NICKEL	NR	
POTASSIUM	NR	
SELENIUM	NR	
SILVER	NR	
SODIUM	NR	
THALLIUM	NR	
TIN	NR	
VANADIUM	NR	
ZINC	NR	

COMMENTS:

N.Y.S. DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF HAZARDOUS WASTE REMEDIATION
BUREAU OF HAZARDOUS SITE CONTROL

H.S.L. METALS REPORT

SITE NAME: DZUS FASTENERS
FIELD ID: SH-191-045-152033-12

SAMPLE NUMBER: 191-119-01
DATE COLLECTED: 4/30/91
DATE ANALYZED: 7/2/91
DATE REPORTED: 7/9/91

SITE CODE: 52033
MATRIX: SOIL
PERCENT SOLIDS: 97 %
CONC. UNITS: ~~ug/kg~~ mg/kg BS
ARCHIVE NO.: M11901

7/3/92

METAL	CONC	
ALUMINIUM	NR	NR = NOT REQUESTED
ANTIMONY	NR	
ARSENIC	NR	
BARIUM	NR	
BERYLLIUM	NR	
CADMIUM	50	
CALCIUM	NR	
CHROMIUM	100	
COBALT	NR	
COPPER	NR	
IRON	NR	
LEAD	NR	
MAGNESIUM	NR	
MANGANESE	NR	
MERCURY	NR	
NICKEL	NR	
POTASSIUM	NR	
SELENIUM	NR	
SILVER	NR	
SODIUM	NR	
THALLIUM	NR	
TIN	NR	
VANADIUM	NR	
ZINC	NR	

COMMENTS:

N.Y.S. DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF HAZARDOUS WASTE REMEDIATION
BUREAU OF HAZARDOUS SITE CONTROL

H.S.L. METALS REPORT

SITE NAME: DZUS FASTENERS
FIELD ID: SH-191-045-152033-13

SAMPLE NUMBER: 191-119-02
DATE COLLECTED: 4/30/91
DATE ANALYZED: 7/2/91
DATE REPORTED: 7/9/91

SITE CODE: 52033
MATRIX: SOIL
PERCENT SOLIDS: 82 %
CONC. UNITS: ~~ug/kg~~ mg/kg BS
ARCHIVE NO.: M11902

7/3/92

METAL	CONC	
ALUMINIUM	NR	NR = NOT REQUESTED
ANTIMONY	NR	
ARSENIC	NR	
BARIUM	NR	
BERYLLIUM	NR	
CADMIUM	140	
CALCIUM	NR	
CHROMIUM	30	
COBALT	NR	
COPPER	NR	
IRON	NR	
LEAD	NR	
MAGNESIUM	NR	
MANGANESE	NR	
MERCURY	NR	
NICKEL	NR	
POTASSIUM	NR	
SELENIUM	NR	
SILVER	NR	
SODIUM	NR	
THALLIUM	NR	
TIN	NR	
VANADIUM	NR	
ZINC	NR	

COMMENTS:

N.Y.S. DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF HAZARDOUS WASTE REMEDIATION
BUREAU OF HAZARDOUS SITE CONTROL

H.S.L. METALS REPORT

SITE NAME: DZUS FASTENERS
FIELD ID: SH-191-045-152033-14

SAMPLE NUMBER: 191-119-03
DATE COLLECTED: 4/30/91
DATE ANALYZED: 7/2/91
DATE REPORTED: 7/9/91

SITE CODE: 52033
MATRIX: SOIL
PERCENT SOLIDS: 95 %
CONC. UNITS: ~~ug/kg~~ mg/kg BS
ARCHIVE NO.: M11903

7/3/92

METAL	CONC	
ALUMINIUM	NR	
ANTIMONY	NR	NR = NOT REQUESTED
ARSENIC	NR	
BARIUM	NR	
BERYLLIUM	NR	
CADMIUM	1100	
CALCIUM	NR	
CHROMIUM	650	
COBALT	NR	
COPPER	NR	
IRON	NR	
LEAD	NR	
MAGNESIUM	NR	
MANGANESE	NR	
MERCURY	NR	
NICKEL	NR	
POTASSIUM	NR	
SELENIUM	NR	
SILVER	NR	
SODIUM	NR	
THALLIUM	NR	
TIN	NR	
VANADIUM	NR	
ZINC	NR	

COMMENTS:

N.Y.S. DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF HAZARDOUS WASTE REMEDIATION
BUREAU OF HAZARDOUS SITE CONTROL

H.S.L. METALS REPORT

SITE NAME: DZUS FASTENERS
FIELD ID: SH-191-045-152033-15

SAMPLE NUMBER: 191-119-04
DATE COLLECTED: 4/30/91
DATE ANALYZED: 7/2/91
DATE REPORTED: 7/9/91

SITE CODE: 52033
MATRIX: SOIL
PERCENT SOLIDS: 78 %
CONC. UNITS: ~~ug/kg~~ mg/kg BS
ARCHIVE NO.: M11904 7/3/92

METAL	CONC	
ALUMINIUM	NR	NR = NOT REQUESTED
ANTIMONY	NR	
ARSENIC	NR	
BARIUM	NR	
BERYLLIUM	NR	
CADMIUM	SH 5.54	BS 7/3/92
CALCIUM	NR 11u	
CHROMIUM	18	
COBALT	NR	
COPPER	NR	
IRON	NR	
LEAD	NR	
MAGNESIUM	NR	
MANGANESE	NR	
MERCURY	NR	
NICKEL	NR	
POTASSIUM	NR	
SELENIUM	NR	
SILVER	NR	
SODIUM	NR	
THALLIUM	NR	
TIN	NR	
VANADIUM	NR	
ZINC	NR	

COMMENTS:

N.Y.S. DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF HAZARDOUS WASTE REMEDIATION
BUREAU OF HAZARDOUS SITE CONTROL

H.S.L. METALS REPORT

SITE NAME: DZUS FASTENERS
FIELD ID: SH-191-045-152033-16

SAMPLE NUMBER: 191-119-05
DATE COLLECTED: 4/30/91
DATE ANALYZED: 7/2/91
DATE REPORTED: 7/9/91

SITE CODE: 52033
MATRIX: SOIL
PERCENT SOLIDS: 97 %
CONC. UNITS: ~~ug/Kg~~ mg/kg BS
ARCHIVE NO.: M11905 7/13/92

METAL	CONC	
ALUMINIUM	NR	
ANTIMONY	NR	NR = NOT REQUESTED
ARSENIC	NR	
BARIUM	NR	
BERYLLIUM	NR	
CADMIUM	2000	
CALCIUM	NR	
CHROMIUM	1100 163 7/13/92	
COBALT	NR	
COPPER	NR	
IRON	NR	
LEAD	NR	
MAGNESIUM	NR	
MANGANESE	NR	
MERCURY	NR	
NICKEL	NR	
POTASSIUM	NR	
SELENIUM	NR	
SILVER	NR	
SODIUM	NR	
THALLIUM	NR	
TIN	NR	
VANADIUM	NR	
ZINC	NR	

COMMENTS:

N.Y.S. DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF HAZARDOUS WASTE REMEDIATION
BUREAU OF HAZARDOUS SITE CONTROL

H.S.L. METALS REPORT

SITE NAME: DZUS FASTENERS
FIELD ID: SH-191-045-152033-17

SAMPLE NUMBER: 191-119-06
DATE COLLECTED: 4/30/91
DATE ANALYZED: 7/2/91
DATE REPORTED: 7/9/91

SITE CODE: 52033
MATRIX: SOIL
PERCENT SOLIDS: 87 %
CONC. UNITS: ~~ug/kg~~ mg/kg
ARCHIVE NO.: M11906

BS
7/3/92

METAL	CONC	
ALUMINIUM	NR	
ANTIMONY	NR	NR = NOT REQUESTED
ARSENIC	NR	
BARIUM	NR	
BERYLLIUM	NR	
CADMIUM	54 5.54	BS
CALCIUM	NR	7/3/92
CHROMIUM	100 11u	
COBALT	NR	
COPPER	NR	
IRON	NR	
LEAD	NR	
MAGNESIUM	NR	
MANGANESE	NR	
MERCURY	NR	
NICKEL	NR	
POTASSIUM	NR	
SELENIUM	NR	
SILVER	NR	
SODIUM	NR	
THALLIUM	NR	
TIN	NR	
VANADIUM	NR	
ZINC	NR	

COMMENTS:

N.Y.S. DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF HAZARDOUS WASTE REMEDIATION
BUREAU OF HAZARDOUS SITE CONTROL

H.S.L. METALS REPORT

SITE NAME: DZUS FASTENERS
FIELD ID: SH-191-045-152033-18

SAMPLE NUMBER: 191-119-07
DATE COLLECTED: 4/30/91
DATE ANALYZED: 7/2/91
DATE REPORTED: 7/9/91

SITE CODE: 52033
MATRIX: SOIL
PERCENT SOLIDS: 76 %
CONC. UNITS: ~~mg/kg~~ *mg/kg*
ARCHIVE NO.: M11907

BS

7/3/92

METAL	CONC	
ALUMINIUM	NR	
ANTIMONY	NR	NR = NOT REQUESTED
ARSENIC	NR	
BARIUM	NR	
BERYLLIUM	NR	
CADMIUM	20	
CALCIUM	NR	
CHROMIUM	100 <i>11u</i>	<i>BS 7/3/92</i>
COBALT	NR	
COPPER	NR	
IRON	NR	
LEAD	NR	
MAGNESIUM	NR	
MANGANESE	NR	
MERCURY	NR	
NICKEL	NR	
POTASSIUM	NR	
SELENIUM	NR	
SILVER	NR	
SODIUM	NR	
THALLIUM	NR	
TIN	NR	
VANADIUM	NR	
ZINC	NR	

COMMENTS:

N.Y.S. DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF HAZARDOUS WASTE REMEDIATION
BUREAU OF HAZARDOUS SITE CONTROL

H.S.L. METALS REPORT

SITE NAME: DZUS FASTENERS
FIELD ID: SH-191-045-152033-19

SAMPLE NUMBER: 191-119-08
DATE COLLECTED: 4/30/91
DATE ANALYZED: 7/2/91
DATE REPORTED: 7/9/91

SITE CODE: 52033
MATRIX: SOIL
PERCENT SOLIDS: 97 %
CONC. UNITS: ~~ug/kg~~ mg/kg BS
ARCHIVE NO.: M11908

7/13/92

METAL	CONC	
ALUMINIUM	NR	NR = NOT REQUESTED
ANTIMONY	NR	
ARSENIC	NR	
BARIUM	NR	
BERYLLIUM	NR	
CADMIUM	2300	
CALCIUM	NR	
CHROMIUM	1300	
COBALT	NR	
COPPER	NR	
IRON	NR	
LEAD	NR	
MAGNESIUM	NR	
MANGANESE	NR	
MERCURY	NR	
NICKEL	NR	
POTASSIUM	NR	
SELENIUM	NR	
SILVER	NR	
SODIUM	NR	
THALLIUM	NR	
TIN	NR	
VANADIUM	NR	
ZINC	NR	

COMMENTS:

N.Y.S. DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF HAZARDOUS WASTE REMEDIATION
BUREAU OF HAZARDOUS SITE CONTROL

H.S.L. METALS REPORT

SITE NAME: DZUS FASTENERS
FIELD ID: SH-191-045-152033-20

SAMPLE NUMBER: 191-119-09
DATE COLLECTED: 4/30/91
DATE ANALYZED: 7/2/91
DATE REPORTED: 7/9/91

SITE CODE: 52033
MATRIX: SOIL
PERCENT SOLIDS: 98 %
CONC. UNITS: ~~ug/kg~~ *mg/kg*
ARCHIVE NO.: M11909

BS

7/3/91

METAL	CONC	
ALUMINIUM	NR	NR = NOT REQUESTED
ANTIMONY	NR	
ARSENIC	NR	
BARIUM	NR	
BERYLLIUM	NR	
CADMIUM	50 [3.9]	
CALCIUM	NR	
CHROMIUM	100 9.6u	
COBALT	NR	
COPPER	NR	
IRON	NR	
LEAD	NR	
MAGNESIUM	NR	
MANGANESE	NR	
MERCURY	NR	
NICKEL	NR	
POTASSIUM	NR	
SELENIUM	NR	
SILVER	NR	
SODIUM	NR	
THALLIUM	NR	
TIN	NR	
VANADIUM	NR	
ZINC	NR	

COMMENTS: Data in bracket is below CRCL but above detection limit.

N.Y.S. DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF HAZARDOUS WASTE REMEDIATION
BUREAU OF HAZARDOUS SITE CONTROL

H.S.L. METALS REPORT

SITE NAME: DZUS FASTENERS
FIELD ID: SH-191-045-152033-21

SAMPLE NUMBER: 191-120-01
DATE COLLECTED: 4/30/91
DATE ANALYZED: 7/2/91
DATE REPORTED: 7/9/91

SITE CODE: 52033

MATRIX: SOIL

PERCENT SOLIDS: 92 %

CONC. UNITS: ~~ug/kg~~ mg/kg

ARCHIVE NO.: M12001

BS
7/3/92

METAL	CONC	
ALUMINIUM	NR	NR = NOT REQUESTED
ANTIMONY	NR	
ARSENIC	NR	
BARIUM	NR	
BERYLLIUM	NR	
CADMIUM	240	
CALCIUM	NR	
CHROMIUM	14	
COBALT	NR	
COPPER	NR	
IRON	NR	
LEAD	NR	
MAGNESIUM	NR	
MANGANESE	NR	
MERCURY	NR	
NICKEL	NR	
POTASSIUM	NR	
SELENIUM	NR	
SILVER	NR	
SODIUM	NR	
THALLIUM	NR	
TIN	NR	
VANADIUM	NR	
ZINC	NR	

COMMENTS:

N.Y.S. DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF HAZARDOUS WASTE REMEDIATION
BUREAU OF HAZARDOUS SITE CONTROL

H.S.L. METALS REPORT

SITE NAME: DZUS FASTENERS
FIELD ID: SH-191-045-152033-22

SAMPLE NUMBER: 191-120-02
DATE COLLECTED: 4/30/91
DATE ANALYZED: 7/2/91
DATE REPORTED: 7/9/91

SITE CODE: 52033
MATRIX: SOIL
PERCENT SOLIDS: 94 %
CONC. UNITS: ~~ug/kg~~ mg/kg BS
ARCHIVE NO.: M12002

7/3/92

METAL	CONC	
ALUMINIUM	NR	
ANTIMONY	NR	
ARSENIC	NR	
BARIUM	NR	
BERYLLIUM	NR	
CADMIUM	110	
CALCIUM	NR	
CHROMIUM	10	
COBALT	NR	
COPPER	NR	
IRON	NR	
LEAD	NR	
MAGNESIUM	NR	
MANGANESE	NR	
MERCURY	NR	
NICKEL	NR	
POTASSIUM	NR	
SELENIUM	NR	
SILVER	NR	
SODIUM	NR	
THALLIUM	NR	
TIN	NR	
VANADIUM	NR	
ZINC	NR	

NR = NOT REQUESTED

COMMENTS:

N.Y.S. DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF HAZARDOUS WASTE REMEDIATION
BUREAU OF HAZARDOUS SITE CONTROL

H.S.L. METALS REPORT

SITE NAME: DZUS FASTENERS
FIELD ID: SH-191-045-152033-23

SAMPLE NUMBER: 191-120-03
DATE COLLECTED: 4/30/91
DATE ANALYZED: 7/2/91
DATE REPORTED: 7/9/91

SITE CODE: 52033
MATRIX: SOIL
PERCENT SOLIDS: 99 %
CONC. UNITS: ~~ug/kg~~ mg/kg
ARCHIVE NO.: M12003

BS
7/3/92

METAL	CONC	
ALUMINIUM	NR	
ANTIMONY	NR	NR = NOT REQUESTED
ARSENIC	NR	
BARIUM	NR	
BERYLLIUM	NR	
CADMIUM	150 160	BS
CALCIUM	NR	7/3/92
CHROMIUM	10 11	
COBALT	NR	
COPPER	NR	
IRON	NR	
LEAD	NR	
MAGNESIUM	NR	
MANGANESE	NR	
MERCURY	NR	
NICKEL	NR	
POTASSIUM	NR	
SELENIUM	NR	
SILVER	NR	
SODIUM	NR	
THALLIUM	NR	
TIN	NR	
VANADIUM	NR	
ZINC	NR	

COMMENTS:

N.Y.S. DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF HAZARDOUS WASTE REMEDIATION
BUREAU OF HAZARDOUS SITE CONTROL

H.S.L. METALS REPORT

SITE NAME: DZUS FASTENERS
FIELD ID: SH-191-045-152033-24

SAMPLE NUMBER: 191-120-04
DATE COLLECTED: 4/30/91
DATE ANALYZED: 7/2/91
DATE REPORTED: 7/9/91

SITE CODE: 52033

MATRIX: SOIL

PERCENT SOLIDS: 92 %

CONC. UNITS: ~~ug/Kg~~ *mg/kg BS*

ARCHIVE NO.: M12004

7/3/92

METAL	CONC	
ALUMINIUM	NR	
ANTIMONY	NR	
ARSENIC	NR	
BARIUM	NR	
BERYLLIUM	NR	
CADMIUM	110 117	<i>BS</i> <i>7/3/92</i>
CALCIUM	NR	
CHROMIUM	20 21	
COBALT	NR	
COPPER	NR	
IRON	NR	
LEAD	NR	
MAGNESIUM	NR	
MANGANESE	NR	
MERCURY	NR	
NICKEL	NR	
POTASSIUM	NR	
SELENIUM	NR	
SILVER	NR	
SODIUM	NR	
THALLIUM	NR	
TIN	NR	
VANADIUM	NR	
ZINC	NR	

COMMENTS:

N.Y.S. DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF HAZARDOUS WASTE REMEDIATION
BUREAU OF HAZARDOUS SITE CONTROL

H.S.L. METALS REPORT

SITE NAME: OZUS FASTENERS
FIELD ID: SH-191-045-152033-26

SAMPLE NUMBER: 191-120-06
DATE COLLECTED: 4/30/91
DATE ANALYZED: 7/2/91
DATE REPORTED: 7/9/91

SITE CODE: 52033

MATRIX: SOIL

PERCENT SOLIDS: 94 %

CONC. UNITS: ~~ug/kg~~ mg/kg

ARCHIVE NO.: M12006

BS
7/3/92

METAL	CONC	
ALUMINIUM	NR	
ANTIMONY	NR	NR = NOT REQUESTED
ARSENIC	NR	
BARIUM	NR	
BERYLLIUM	NR	
CADMIUM	SH 4.9 u	BS
CALCIUM	NR	7/3/92
CHROMIUM	SH 9.9 u	
COBALT	NR	
COPPER	NR	
IRON	NR	
LEAD	NR	
MAGNESIUM	NR	
MANGANESE	NR	
MERCURY	NR	
NICKEL	NR	
POTASSIUM	NR	
SELENIUM	NR	
SILVER	NR	
SODIUM	NR	
THALLIUM	NR	
TIN	NR	
VANADIUM	NR	
ZINC	NR	

COMMENTS:

N.Y.S. DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF HAZARDOUS WASTE REMEDIATION
BUREAU OF HAZARDOUS SITE CONTROL

H.S.L. METALS REPORT

SITE NAME: DZUS FASTENERS
FIELD ID: SH-191-045-152033-27

SAMPLE NUMBER: 191-120-07
DATE COLLECTED: 4/30/91
DATE ANALYZED: 7/2/91
DATE REPORTED: 7/9/91

SITE CODE: 52033

MATRIX: SOIL

PERCENT SOLIDS: 91 %

CONC. UNITS: ~~ug/kg~~ mg/kg BS
7/3/92

ARCHIVE NO.: M12007

METAL	CONC	
ALUMINIUM	NR	
ANTIMONY	NR	NR = NOT REQUESTED
ARSENIC	NR	
BARIUM	NR	
BERYLLIUM	NR	
CADMIUM	40	
CALCIUM	NR	
CHROMIUM	100	
COBALT	NR	
COPPER	NR	
IRON	NR	
LEAD	NR	
MAGNESIUM	NR	
MANGANESE	NR	
MERCURY	NR	
NICKEL	NR	
POTASSIUM	NR	
SELENIUM	NR	
SILVER	NR	
SODIUM	NR	
THALLIUM	NR	
TIN	NR	
VANADIUM	NR	
ZINC	NR	

COMMENTS:

N.Y.S. DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF HAZARDOUS WASTE REMEDIATION
BUREAU OF HAZARDOUS SITE CONTROL

H.S.L. METALS REPORT

SITE NAME: OZUS FASTENERS
FIELD ID: SH-191-045-152033-28

SAMPLE NUMBER: 191-120-08
DATE COLLECTED: 4/30/91
DATE ANALYZED: 7/2/91
DATE REPORTED: 7/9/91

SITE CODE: 52033
MATRIX: SOIL
PERCENT SOLIDS: 94 %
CONC. UNITS: ~~ug/Kg~~ mg/Kg BS
ARCHIVE NO.: M12008

7/3/92

METAL	CONC	
ALUMINIUM	NR	NR = NOT REQUESTED
ANTIMONY	NR	
ARSENIC	NR	
BARIUM	NR	
BERYLLIUM	NR	
CADMIUM	120	
CALCIUM	NR	
CHROMIUM	14	
COBALT	NR	
COPPER	NR	
IRON	NR	
LEAD	NR	
MAGNESIUM	NR	
MANGANESE	NR	
MERCURY	NR	
NICKEL	NR	
POTASSIUM	NR	
SELENIUM	NR	
SILVER	NR	
SODIUM	NR	
THALLIUM	NR	
TIN	NR	
VANADIUM	NR	
ZINC	NR	

COMMENTS:

N.Y.S. DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF HAZARDOUS WASTE REMEDIATION
BUREAU OF HAZARDOUS SITE CONTROL

H.S.L. METALS REPORT

SITE NAME: DZUS FASTENERS
FIELD ID: SH-191-045-152033-29

SAMPLE NUMBER: 191-120-09
DATE COLLECTED: 4/30/91
DATE ANALYZED: 7/2/91
DATE REPORTED: 7/9/91

SITE CODE: 52033

MATRIX: SOIL

PERCENT SOLIDS: 89 %

CONC. UNITS: ~~ug/kg~~ mg/kg BS
7/3/92

ARCHIVE NO.: M12009

METAL	CONC	
ALUMINIUM	NR	NR = NOT REQUESTED
ANTIMONY	NR	
ARSENIC	NR	
BARIUM	NR	
BERYLLIUM	NR	
CADMIUM	1500	
CALCIUM	NR	
CHROMIUM	20	
COBALT	NR	
COPPER	NR	
IRON	NR	
LEAD	NR	
MAGNESIUM	NR	
MANGANESE	NR	
MERCURY	NR	
NICKEL	NR	
POTASSIUM	NR	
SELENIUM	NR	
SILVER	NR	
SODIUM	NR	
THALLIUM	NR	
TIN	NR	
VANADIUM	NR	
ZINC	NR	

COMMENTS: