atlas hydraulic corporation

FAX COVER SHEET

TO: Larry Seto

LOCATION: Alameda County Health

TELEPHONE: FAX # 568-3706

DATE: 8-1-89

NUMBER OF PAGES: 11a (INCLUDING COVER PAGE)

FROM: Jim Givens

LOCATION: Hayward, CA

TELEPHONE: (415) 786-3393 FAX # (415) 786-4263

ADDITIONAL INFORMATION:

Hopkins Street • Unit 7 • Hayward, California 945 - Phone 415-786-3393

Trace Analysis Laboratory, Inc.
3423 Investment Boulevard, #8 • Hayward, California 94545 (415) 783-6960

RECEIVED 1988

TAL

DATE REVISED: 1/29/88
LOG NO.: 5570 and 5574
DATE SAMPLED: 1/13/88
DATE RECEIVED: 1/13/88

CUSTOMER: Atlas Hydraulic Corporation

REQUESTER: Bill Bender

PROJECT: Flexible Packaging Division, James River Corporation
2101 Williams Street, San Leandro

Sample Type: Soil

Method and Constituent	Units	No. 1 Concentration	No. 1 Detection Limit	No. Concentration	No. Detection Limit
EPA Method 8240:					
Chloromethane	ug/kg	< 50	50	< 10	10
Bromomethane	ug/kg	< 50	50	< 10	10
Vinyl chloride	ug/kg	< 50	50	< 10	10
Chloroethane	ug/kg	< 50	50	< 10	10
Methylene chloride	ug/kg	< 25	25	→ 200	5
Trichlorofluoromethane	ug/kg	< 25	25	< 5	5
1,1-Dichloroethene	ug/kg	< 25	25	< 5	5
1,1-Dichloroethane	ug/kg	< 25	25	< 5	5
trans-1,2-Dichloroethene	ug/kg	< 25	25	< 5	5
Chloroform	ug/kg	< 25	25	< 5	5
1,2-Dichloroethane	ug/kg	< 25	25	< 5	5
1,1,1-Trichloroethane	ug/kg	< 25	25	< 5	5
Carbon tetrachloride	ug/kg	< 25	25	< 5	5
Bromodichloromethane	ug/kg	< 25	25	< 5	5
1,2-Dichloropropane	ug/kg	< 25	25	< 5	5
trans-1,3-Dichloropropene	ug/kg	< 25	25	< 5	5
Trichloroethene	ug/kg	< 25	25	< 5	5

Chlorobenzene	ug/kg	< 25	25	< 5	5
Ethyl benzene	ug/kg	< 25	25	< 5	5
1,3-Dichlorobenzene	ug/kg	< 25	25	< 5	5
1,2-Dichlorobenzene	ug/kg	< 25	25	< 5	5
1,4-Dichlorobenzene	ug/kg	< 25	25	< 5	5
Additional Peaks:					
Acetone	ug/kg	→ 3,100	100		
4-Methyl-2-pentanone (MIBK)	ug/kg	→ 870	50		
Ethanol	ug/kg	→ 780	25		
2-Propanol	ug/kg	→ 1,900	25		
1-Propanol	ug/kg	→ 300	25		
Acetic acid ethyl ester	ug/kg	→ 80	25		
2,2'-Oxy-bis-propane	ug/kg			5	5
1-butanol	ug/kg	< 25	25		

Constituent	Units	Concen-tration	Detection Limit	Concen-tration	Detection Limit
EPA Method 8240:					
Chloromethane	ug/kg	< 10	10	< 10	10
Bromomethane	ug/kg	< 10	10	< 10	10
Vinyl chloride	ug/kg	< 10	10	< 10	10
Chloroethane	ug/kg	< 10	10	< 10	10
Methylene chloride	ug/kg	140	5	130	5
Trichlorofluoromethane	ug/kg	< 5	5	< 5	5
1,1-Dichloroethene	ug/kg	< 5	5	< 5	5
1,1-Dichloroethane	ug/kg	< 5	5	< 5	5
trans-1,2-Dichloroethene	ug/kg	< 5	5	< 5	5
Chloroform	ug/kg	< 5	5	< 5	5
1,2-Dichloroethane	ug/kg	< 5	5	< 5	5
1,1,1-Trichloroethane	ug/kg	< 5	5	< 5	5
Carbon tetrachloride	ug/kg	< 5	5	< 5	5
Bromodichloromethane	ug/kg	< 5	5	< 5	5
1,2-Dichloropropane	ug/kg	< 5	5	< 5	5
trans-1,3-Dichloropropene	ug/kg	< 5	5	< 5	5
Trichloroethene	ug/kg	< 5	5	< 5	5
Benzene	ug/kg	< 5	5	< 5	5
Dibromochloromethane	ug/kg	< 5	5	< 5	5
1,1,2-Trichloroethane	ug/kg	< 5	5	< 5	5
cis-1,3-Dichloropropene	ug/kg	< 5	5	< 5	5
2-Chloroethylvinyl ether	ug/kg	< 5	5	< 5	5
Bromoform	ug/kg	< 5	5	< 5	5
1,1,2,2-Tetrachloroethane	ug/kg	< 5	5	< 5	5
Tetrachloroethene	ug/kg	→ 48	5	→ 38	5
Toluene	ug/kg	< 5	5	< 5	5
Chlorobenzene	ug/kg	< 5	5	< 5	5
Ethyl benzene	ug/kg	< 5	5	< 5	5
1,3-Dichlorobenzene	ug/kg	< 5	5	< 5	5

LOG NO.: 5570 and 5574
DATE SAMPLED: 1/13/88
DATE RECEIVED: 1/13/88
PAGE: Four

Sample Type: Soil

Method and Constituent	Units	No. 5 Concentration	No. 5 Detection Limit	No. 6 Concentration	No. 6 Detection Limit
EPA Method 8240 (Cont'd):					
1,2-Dichlorobenzene	ug/kg	< 5	5	< 5	5
1,4-Dichlorobenzene	ug/kg	< 5	5	< 5	5
Additional Peaks:					
2,2'Oxy-bis-propane	ug/kg	5	5		
cis-1,2-Dichloroethene	ug/kg	7	10		

These pages were revised to amend detection limits reported by subcontracted laboratory.

for Hugh R. McLean
Supervisory Chemist

HRM:mln

atlas hydraulic corporation

August 1, 1989

Larry Seto
Alameda County Health Dept.
80 Buon Way Rm.200
Oakland, CA 94621

RE: Flexiable Packaging Div.
James River Corporation
2101 Williams St.
San Leandro, CA

We request permission to backfill the tank hole with soil removed from the excavation and compact to 90-95°. Following is brief history of the project.

Altas Hydraulic Corporation removed the following three undground storage tanks which had been installed 6-8 years ago, contents and volume are listed below:

1- 5000 gal. 90% ethyl alcohol/10% N.propanel.

1- 2000 gal 80% ethyl alcohol/20% N. propanal alcohol

1- 2000 gal. 100% N. propanal alcohol.

Test results of the soil are as follows: (see attached).

Please phone me your approval to backfill.

Thanks for your interest and prompt attention to this matter.

Sincerely,

ATLAS HYDRAULIC CORPORATION

J.P. Givens

JPG:bb

28971 Hopkins Street • P.O Box 56567 • Hayward, California 94545 • 415-786-3393

Trace Analysis Laboratory, Inc.
3423 Investment Boulevard, #8 • Hayward, California 94545
(415) 783-6960

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TAL

DATE: 1/19/88

LOG NO.: 5570 and 5574

DATE SAMPLED: 1/13/88

DATE RECEIVED: 1/13/88

CUSTOMER: Atlas Hydraulic Corporation

REQUESTER: Bill Bender

PROJECT: Flexible Packaging Division, James River Corporation
2101 Williams Street, San Leandro

Sample Type: Soil

Method and Constituent	Units	No. 1 Concentration	No. 1 Detection Limit	No. 3 Concentration	No. 3 Detection Limit
EPA Method 8240:					
Chloromethane	ug/kg	< 5	5	< 5	5
Bromomethane	ug/kg	< 5	5	< 5	5
Vinyl chloride	ug/kg	< 5	5	< 5	5
Chloroethane	ug/kg	< 5	5	< 5	5
Methylene chloride	ug/kg	< 5	5	→ 200	5
Trichlorofluoromethane	ug/kg	< 5	5	< 5	5
1,1-Dichloroethene	ug/kg	< 5	5	< 5	5
1,1-Dichloroethane	ug/kg	< 5	5	< 5	5
trans-1,2-Dichloroethene	ug/kg	< 5	5	< 5	5
Chloroform	ug/kg	< 5	5	< 5	5
1,2-Dichloroethane	ug/kg	< 5	5	< 5	5
1,1,1-Trichloroethane	ug/kg	< 5	5	< 5	5
Carbon tetrachloride	ug/kg	< 5	5	< 5	5
Bromodichloromethane	ug/kg	< 5	5	< 5	5
1,2-Dichloropropane	ug/kg	< 5	5	< 5	5
trans-1,3-Dichloropropene	ug/kg	< 5	5	< 5	5
Trichloroethene	ug/kg	< 5	5		

DATE: 1/19/88
LOG NO.: 5570 and 5574
DATE SAMPLED: 1/13/88
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PAGE: Two

Sample Type: Soil

Method and Constituent	Units	No. 1 Concentration	No. 1 Detection Limit	No. 3 Concentration	No. 3 Detection Limit
EPA Method 8240 (Cont'd):					
Benzene	ug/kg	< 5	5	< 5	5
Dibromochloromethane	ug/kg	< 5	5	< 5	5
1,1,2-Trichloroethane	ug/kg	< 5	5	< 5	5
cis-1,3-Dichloropropene	ug/kg	< 5	5	< 5	5
2-Chloroethylvinyl ether	ug/kg	< 5	5	< 5	5
Bromoform	ug/kg	< 5	5	< 5	5
1,1,2,2-Tetrachloroethane	ug/kg	< 5	5	< 5	5
Tetrachloroethene	ug/kg	< 5	5	< 5	5
Toluene	ug/kg	< 5	5	< 5	5
Chlorobenzene	ug/kg	< 5	5	< 5	5
Ethyl benzene	ug/kg	< 5	5	< 5	5
1,3-Dichlorobenzene	ug/kg	< 5	5	< 5	5
1,2-Dichlorobenzene	ug/kg	< 5	5	< 5	5
1,4-Dichlorobenzene	ug/kg	< 5	5	< 5	5
Additional Peaks:					
Acetone	ug/kg	3,100	10	< 10	10
4-Methyl-2-pentanone (MIBK)	ug/kg	870	10	< 10	10
Ethanol	ug/kg	780	10	< 10	10
2-Propanol	ug/kg	1,900	10	< 10	10
1-Propanol	ug/kg	300	10	< 10	10
Acetic acid ethyl ester	ug/kg	80	10	< 10	10
2,2'-Oxy-bis-propane	ug/kg	< 10	10	< 10	10
cis-1,2-Dichloroethene	ug/kg	< 10	10	< 10	10

DATE: 1/19/88
LOG NO.: 5570 and 5574
DATE SAMPLED: 1/13/88
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PAGE: Three

Sample Type: Soil

Method and Constituent	Units	No. 5 Concentration	No. 5 Detection Limit	No. 6 Concentration	No. 6 Detection Limit
EPA Method 8240:					
Chloromethane	ug/kg	< 5	5	< 5	5
Bromomethane	ug/kg	< 5	5	< 5	5
Vinyl chloride	ug/kg	< 5	5	< 5	5
Chloroethane	ug/kg	< 5	5	< 5	5
Methylene chloride	ug/kg	140	5	130	5
Trichlorofluoromethane	ug/kg	< 5	5	< 5	5
1,1-Dichloroethene	ug/kg	< 5	5	< 5	5
1,1-Dichloroethane	ug/kg	< 5	5	< 5	5
trans-1,2-Dichloroethene	ug/kg	< 5	5	< 5	5
Chloroform	ug/kg	< 5	5	< 5	5
1,2-Dichloroethane	ug/kg	< 5	5	< 5	5
1,1,1-Trichloroethane	ug/kg	< 5	5	< 5	5
Carbon tetrachloride	ug/kg	< 5	5	< 5	5
Bromodichloromethane	ug/kg	< 5	5	< 5	5
1,2-Dichloropropane	ug/kg	< 5	5	< 5	5
trans-1,3-Dichloropropene	ug/kg	< 5	5	< 5	5
Trichloroethene	ug/kg	< 5	5	< 5	5
Benzene	ug/kg	< 5	5	< 5	5
Dibromochloromethane	ug/kg	< 5	5	< 5	5
1,1,2-Trichloroethane	ug/kg	< 5	5	< 5	5
cis-1,3-Dichloropropene	ug/kg	< 5	5	< 5	5
2-Chloroethylvinyl ether	ug/kg	< 5	5	< 5	5
Bromoform	ug/kg	< 5	5	< 5	5
1,1,2,2-Tetrachloroethane	ug/kg	< 5	5	< 5	5
Tetrachloroethene	ug/kg	→ 48	5	→ 38	5
Toluene	ug/kg	< 5	5	< 5	5
Chlorobenzene	ug/kg	< 5	5	< 5	5
Ethyl benzene	ug/kg	< 5	5	< 5	5
1,3-Dichlorobenzene	ug/kg	< 5	5	< 5	5

DATE: 1/19/88
LOG NO.: 5570 and 5574
DATE SAMPLED: 1/13/88
DATE RECEIVED: 1/13/88
PAGE: Four

Sample Type: Soil

Method and Constituent	Units	No. 5 Concentration	No. 5 Detection Limit	No. 6 Concentration	No. 6 Detection Limit
EPA Method 8240 (Cont'd):					
1,2-Dichlorobenzene	ug/kg	< 5	5	< 5	5
1,4-Dichlorobenzene	ug/kg	< 5	5	< 5	5
Additional Peaks:					
Acetone	ug/kg	< 10	10	< 10	10
4-Methyl-2-pentanone (MIBK)	ug/kg	< 10	10	< 10	10
Ethanol	ug/kg	< 10	10	< 10	10
2-Propanol	ug/kg	< 10	10	< 10	10
1-Propanol	ug/kg	< 10	10	< 10	10
Acetic acid ethyl ester	ug/kg	< 10	10	< 10	10
2,2'-Oxy-bis-propane	ug/kg	5	10	< 10	10
cis-1,2-Dichloroethene	ug/kg	7	10	< 10	10

DATE: 1/19/88
LOG NO.: 5570 and 5574
DATE SAMPLED: 1/13/88
DATE RECEIVED: 1/13/88
PAGE: Five

Sample Type: Soil

Method and Constituent	Units	No. 1 Concentration	No. 1 Detection Limit	No. 3 Concentration	No. 3 Detection Limit	No. 5 Concentration	No. 5 Detection Limit
EPA Method 7041: Sb	ug/kg	< 1,000	1,000	< 1,000	1,000	< 1,000	1,000
EPA Method 7061: As	ug/kg	280	20	2,800	80	1,700	200
EPA Method 7081: Ba	ug/kg	< 100,000	100,000	< 100,000	100,000	< 100,000	100,000
EPA Method 7091: Be	ug/kg	310	60	880	60	840	60
EPA Method 7131: Cd	ug/kg	89	50	320	50	300	50
EPA Method 7190: Cr	ug/kg	160,000	6,000	83,000	6,000	59,000	6,000
EPA Method 219.1: Co	ug/kg	< 10,000	10,000	< 10,000	10,000	< 10,000	10,000
EPA Method 7210: Cu	ug/kg	170,000	10,000	97,000	10,000	68,000	10,000
EPA Method 7421: Pb	ug/kg	3,100	500	16,000	500	4,800	500
EPA Method 7471: Hg	ug/kg	72	10	23	10	25	10
EPA Method 246.1: Mo	ug/kg	< 100,000	100,000	< 100,000	100,000	< 100,000	100,000
EPA Method 7520: Ni	ug/kg	64,000	20,000	120,000	20,000	53,000	20,000
EPA Method 7741: Se	ug/kg	< 300	300	< 300	300	< 300	300

DATE: 1/19/88
LOG NO.: 5570 and 5574
DATE SAMPLED: 1/13/88
DATE RECEIVED: 1/13/88
PAGE: Six

Sample Type: Soil

Method and Constituent	Units	No. 1 Concentration	No. 1 Detection Limit	No. 3 Concentration	No. 3 Detection Limit	No. 5 Concentration	No. 5 Detection Limit
EPA Method 7761: Ag	ug/kg	< 100	100	120	100	200	100
EPA Method 7841: Tl	ug/kg	< 200	200	< 200	200	< 200	200
EPA Method 7911: V	ug/kg	25,000	1,000	170,000	10,000	19,000	1,000
EPA Method 7950: Zn	ug/kg	40,000	4,000	120,000	4,000	65,000	4,000

DATE: 1/19/88
LOG NO.: 5570 and 5574
DATE SAMPLED: 1/13/88
DATE RECEIVED: 1/13/88
PAGE: Seven

Sample Type: Soil

Method and Constituent	Units	No. 6 Concentration	Detection Limit
EPA Method 7041: Sb	ug/kg	< 1,000	1,000
EPA Method 7061: As	ug/kg	1,500	80
EPA Method 7081: Ba	ug/kg	< 100,000	100,000
EPA Method 7091: Be	ug/kg	980	60
EPA Method 7131: Cd	ug/kg	500	50
EPA Method 7190: Cr	ug/kg	63,000	6,000
EPA Method 219.1: Co	ug/kg	< 10,000	10,000
EPA Method 7210: Cu	ug/kg	72,000	10,000
EPA Method 7421: Pb	ug/kg	8,400	500
EPA Method 7471: Hg	ug/kg	19	10
EPA Method 246.1: Mo	ug/kg	< 100,000	100,000
EPA Method 7520: Ni	ug/kg	61,000	20,000
EPA Method 7741: Se	ug/kg	< 300	300

DATE: 1/19/88
LOG NO.: 5570 and 5574
DATE SAMPLED: 1/13/88
DATE RECEIVED: 1/13/88
PAGE: Eight

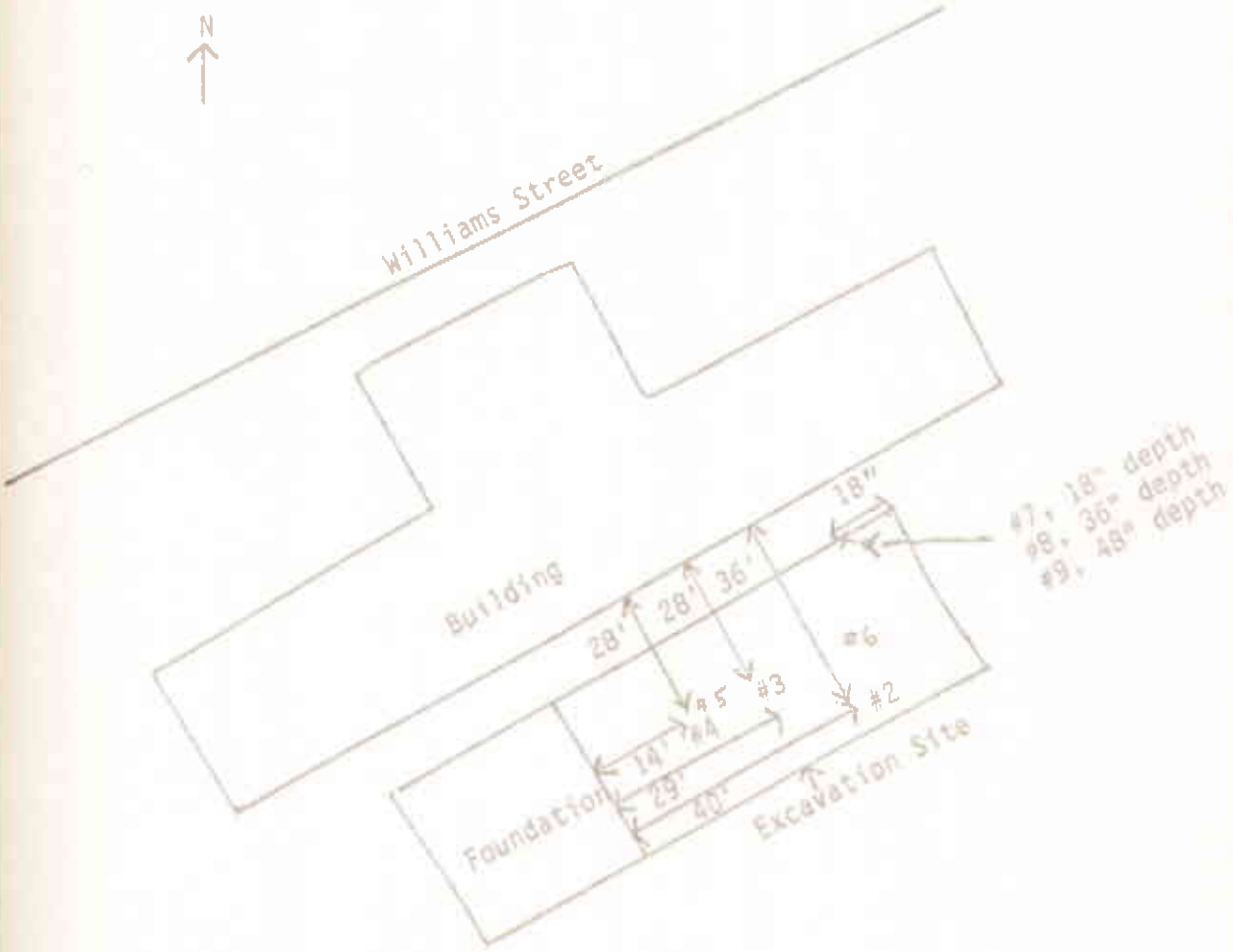
Sample Type: Soil

Method and Constituent	Units	No. 6 Concentration	Detection Limit
EPA Method 7761: Ag	ug/kg	120	100
EPA Method 7841: Tl	ug/kg	< 200	200
EPA Method 7911: V	ug/kg	25,000	1,000
EPA Method 7950: Zn	ug/kg	71,000	4,000

Hugh R. McLean
Hugh R. McLean
Supervisory Chemist

HRM:mln

Flexible Packaging Division
James River Corporation
2101 Williams Street
San Leandro, California



ENVIRONMENTAL PROTECTION AGENCY
Office of Enforcement

CHAIN OF CUSTODY RECORD

PO 1866 log 5574 - 2 day
log 5575 - 10 day

PROJ. NO. | PROJECT NAME: Ex situ Packaging Research, James River Corp, 2101 Williams, Savannah

SAMPLERS (Signature): Jane DuPree, TAL

STA. NO.	DATE	TIME	COMP.	GRAB	STATION LOCATION	NO. OF CONTAINERS	8240 + Hexane CAM17						REMARKS
#5	1/13	4:21 pm		X	Center	1	X	X					Soil, brass Tube -2 day } log 5574
#6				X	Center	1	X	X					Soil, brass Tube -2 day
#7				X	18" = Depth	3	X	X					Soil, 40z jars -10 day } log 5575
#8				X	36" = Depth	1	X	X					Soil brass Tube -10 day
#9		5:07 pm		X	48" = Depth	1	X	X					Soil brass Tube -10 day
	1988												

Relinquished by: (Signature)	Date / Time	Received by: (Signature)	Relinquished by: (Signature)	Date / Time	Received by: (Signature)
Relinquished by: (Signature)	Date / Time	Received by: (Signature)	Relinquished by: (Signature)	Date / Time	Received by: (Signature)
Relinquished by: (Signature)	Date / Time	Received for Laboratory by (Signature)	Date / Time	Remarks	

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3-0605

AUG. 1-89 TUE 10:42 ATLAS HYDRAULIC CORP P.11

ENVIRONMENTAL PROTECTION AGENCY
Office of Enforcement

CHAIN OF CUSTODY RECORD

PROJ. NO.	PROJECT NAME: Fiber Box Packaging – James River Corporation, 2101 W. Hanc St, San Leandro, CA	NO. OF CONTAINERS
SAMPLERS: (Signature)	[signature] for TAL	

STA. NO.	DATE	TIME	COMP.	GRAB	STATION LOCATION	NO. OF CONTAINERS	Hold for Reduction	8240 w/ all peaks	CAM 17				REMARKS
No. 1	7/31/89	7:25 am		X	See Site Diagram	3 - 4 oz	X	X	X				Surface soil – 2 day
2	↓	↓		X	↓	3 - ↓	X						Hold
3	↓	↓		X	↓	3 - ↓	X	X	X				– 2 day
4	↓	↓		X	↓	3 - ↓	X						Hold

Relinquished by: (Signature)	Date / Time	Received by: (Signature)	Relinquished by: (Signature)	Date / Time	Received by: (Signature)
Relinquished by: (Signature)	Date / Time	Received by: (Signature)	Relinquished by: (Signature)	Date / Time	Received by: (Signature)
Relinquished by: (Signature)	Date / Time	Received for Laboratory by: (Signature)	Date / Time	Remarks	

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3 – 0605