DYNECOL, INC.
6520 GEORGIA STREET
DETROIT, MICHIGAN 48211
PHONE: (313) 571-7140
FAX: (313) 571-7190

Diesel cleanup

WASTE APPROVAL FORM

I. General Information					
Approval Number	164728		Cust./Gen.Code:	51	
Generator Name:	Double Eagle Steel Coating Co.				
Address:	3000 Miller Rd.				
City:	Dearborn	State:	MI	Zip Code:	48120
Contact Name:	Chris McBee				
Phone Number:	313-203-9829		Fax Number:	313-203-9705	
24 Hour Emergency #:					
EPA ID Number:	MID981092190		SIC Code:		
Customer Name:	Same				
Customer Contact:					
Address:					
City:		State:		Zip Code:	
Phone Number:			Fax Number:		
24 Hour Emergency #:					
II. Waste Description					
Waste Common Name:	Diesel & Debris				
Specific Process Generating the waste:					
Spill clean up of diesel					

Diesel Cleanup

Constituent	Actual % of representative sample	Min. % of waste stream	Max. % of waste stream
diesel		90	95
Cleanup Debris		5	10
(absorbent,			
PPE, Dirt)			

A. Michigan Act 451 and EPA 40 CFR Information: (For the following, please use SW 846 test method for determination)

1. Is this a hazardous waste as defined by either R299.9212-9214 or 261 Subpart B,C, or D?

Check One: X YES (X) NO CM 8/26/05

a) *IF YES,* please list all applicable waste codes:

D001

b) *IF NO*, please list all applicable non-hazardous waste codes as defined by Michigan Act 451 Part 121:

2. Does this waste indicate a volatile organic concentration in excess of 500 ppm or the compounds listed in 40 CFR 265 Appendix VI?:

Check One: ____ YES X NO

a) *IF YES*, please indicate constituents and concentrations:

3. Does the analysis indicate PCB's above the detection limit?

Check One: ____ YES X NO

a) IF YES, does the waste contain PCB contamination from a source with a concentration greater than or equal to 50 ppm?

Check One: ____ YES ____ NO

Diesel cleanup

[redacted]

B. Benzene/NESHAP Information (For the following, please use SW 846 method 8020 and/or EPA 602 and/or 624 for determination)

1. Does the waste stream have a benzene concentration of 10 ppm or more?

   Check One: ____ YES ✓ NO

   IF YES, please indicate total benzene concentration of waste:

2. Does the waste stream contain greater than 10% water ?

   Check One: ____ Yes ✓ NO

3. Does the generator manage wastes from facilities with Total Annual Benzene (TAB) greater or equal to 10 mg/year?

   Check One: ____ Yes ✓ NO

   IF YES, please indicate TAB quantity for generator facility:

C. Land Disposal Restriction Information (For the following, please see 40 CFR part 268.2 for definitions)

1. Does the waste stream contain less than 1% by weight Total Organic Carbon (TOC) and less than 1% by weight Total Suspended Solids?

   Check One: ____ YES (wastewater) ✓ NO (Non-wastewater)

[redacted]

Color: Brown Black		Phases: CM Liquid and Solid Cleanup Debris
pH: 6 - 9		[redacted] ~~Single Layer~~
[redacted] Liquid CM and Solid [redacted] Sludge/Slurry [redacted] ~~Solid~~ CM		☒ Double Layer
Odor: Diesel Fuel (petroleum)		☐ Multi-Layer
☐ None [redacted] Strong ☐ Mild		

[redacted]

A. Determination of shipping name as defined by 29 CFR 172.101:

1. Proper Shipping Name: RQ, Waste Flammable Liquid, N.O.S. (Diesel Fuel)					
2. Hazard Class: 3 —	3. UN/NA Number: UN1993				
4. Packing Group (Circle one):	I	II	III	None	
B. Shipping Container (Circle one)	Bulk	Drums	Pails	Totes	Roll Off / Other:
C. Waste Volume	1 55 gallon drum				
D. Shipping Frequency (Circle one)	Weekly	Monthly	Quarterly	Yearly	One Time Only

Diesel clean up

DYNECOL INC. Waste Approval Form Page 4 Approval Number

VI. Comment Section

Please list any additional comments concerning this waste stream below:

VII. Generator Authorizations

A. Authorization to correct material profile sheet

I Christopher McBee (Generator signature) hereby give authorization for Dynecol, Inc. to make corrections with oral authorization to establish consistency with the results of sample analysis and/or applicable federal and state regulations and the information on this profile. These changes WILL NOT include the addition or removal of waste codes and waste constituents which must have written authorization to be changed by the generator. I understand that Dynecol reserves the right to reject any material that does not conform to specifications described in profile.

B. Certification

I certify, under penalty of law, that I have personally examined, and am familiar with, the waste profiled through knowledge of the waste, and I believe the information submitted to be true, accurate, and complete.

CHRISTOPHER McBee	Environmental Engineer
Generator Name (Please print or type)	Title
Christopher McBee	8/11/05
Generator Signature	Date

VIII. Revision Section

Please list any revisions made to form

Revision	Date of Revision	Generator Authorization

IX. Dynecol Use Only

A. Approval Information

CMF WASTES:		PLANT WASTES:	
Primary outbound approval number	Rinico	Plant treatment code	
Off-site management code		On-site management code:	

WAF Initiator signature: [signature]

Approved by: S. O'Mara Date: ~~8/30/2005~~ AM

$250.00/DM

DYNECOL
MID 074259565

DYNECOL, INC.
(313) 571-7141

CERTIFICATION FORM

(Submit with waste approval package)

UNDERLYING CONSTITUENTS/VOLATILE ORGANIC COMPOUNDS (VOC)

APPROVAL NUMBER: _____ **EPA ID NUMBER:** MID 981 092 190

GENERATOR NAME: DOUBLE EAGLE STEEL

EPA HAZARDOUS WASTE NUMBERS: D001

MANIFEST NUMBER (IF APPLICABLE): _____

PLEASE PLACE A CHECK MARK IN THE APPROPRIATE BOX:

- [ ] THIS WASTE IS NOT PROHIBITED FROM LAND DISPOSAL. (NOTE – ADDITIONAL CERTIFICATIONS MAY BE REQUIRED)
- [x] THIS WASTE IS PROHIBITED FROM LAND DISPOSAL.
- [ ] THE WASTE DOES NOT CONTAIN UNDERLYING HAZARDOUS CONSTITUENTS LISTED IN 40 CFR 268.48 TABLE UTS-UNIVERSAL TREATMENT STANDARDS (EXCLUDING FLUORIDE, VANADIUM AND/OR ZINC).
- [x] THE WASTE DOES CONTAIN UNDERLYING HAZARDOUS CONSTITUENTS LISTED IN 40 CFR 268.48 TABLE UTS-UNIVERSAL TREATMENT STANDARDS (EXCLUDING FLUORIDE, VANADIUM AND/OR ZINC).
- [ ] THE WASTE DOES NOT CONTAIN VOLATILE ORGANIC COMPOUNDS GREATER THAN 500 PPM.
- [x] THE WASTE DOES CONTAIN VOLATILE ORGANIC COMPOUNDS GREATER THAN 500 PPM.

NOTE: ADDITIONAL INFORMATION AS REQUIRED PER 40 CFR 268.7 GENERAL PAPERWORK REQUIREMENTS TABLE CAN BE FOUND IN THE ATTACHED DYNECOL WASTE APPROVAL FORM.

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE WASTE THROUGH ANALYSIS AND TESTING OR THROUGH KNOWLEDGE OF THE WASTE, AND BELIEVE THAT THE INFORMATION I SUBMITTED IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING A FALSE CERTIFICATION, INCLUDING A POSSIBILITY OF A FINE AND/OR IMPRISONMENT.

Christopher McBee	CHRISTOPHER McBee	8/26/05
AUTHORIZED SIGNATURE	PRINTED NAME	DATE

CERTIFICATION FORM.DOC REVISED 5/98

TABLE UTS—268.48 UNIVERSAL TREATMENT STANDARDS

ORGANIC CONSTITUENTS	mg/L	mg/kg	ORGANIC CONSTITUENTS	mg/L	mg/kg	ORGANIC CONSTITUENTS	mg/L	mg/kg	ORGANIC CONSTITUENTS	mg/L	mg/kg
A2213	0.042	1.4	m-Cresol	0.11	5.6	Fluoranthene	0.068	3.4	Phenol	0.039	6.2
Acenaphthene	0.059	3.4	p-Cresol	0.77	5.6	Fluorene	0.059	3.4	o-Phenylenediamine	0.056	5.6
Acenaphthylene	0.059	3.4	o-Cresol	0.77	5.6	Formetanate hydrochloride	0.056	1.4	Phorate	0.021	4.6
Acetone	0.28	160	m-Cumenyl methylcarbamate	0.056	1.4	Formparanate	0.056	1.4	Phthalic acid	0.055	28
Acetonitrile	5.6	38	Cyclohexanone	0.36	75 mg/L	Heptachlor	0.0012	0.066	Phthalic anhydride	0.055	28
Acetophenone	0.010	9.7	o,p'-DDD	0.023	0.087	Heptachlor epoxide	0.016	0.0066	Physostigmine	0.056	1.4
2-Acetylaminofluorene	0.059	140	p,p'-DDD	0.023	0.087	Hexachlorobenzene	0.055	10	Physostigmine salicylate	0.056	1.4
Acrolein	0.29	NA	o,p'-DDE	0.031	0.087	Hexachlorobutadiene	0.055	5.6	Promecarb	0.056	1.4
Acrylamide	19	23	p,p'-DDE	0.031	0.087	Hexachlorocyclopentadiene	0.057	2.4	Pronamide	0.093	1.5
Acrylonitrile	0.24	84	o,p'-DDT	0.0039	0.087	hexachlorodibenzo-furans	0.000063	0.001	Propham	0.056	1.4
Aldecarb sulfone	0.056	0.28	p,p'-DDT	0.0039	0.087	Hexachlorodibenzo-p-dioxins	0.000063	0.001	Propoxur	0.056	1.4
Aldrin	0.021	0.066	Dibenz(a,h)anthracene	0.055	8.2	Hexachloroethane	0.055	30	Prosulfocarb	0.042	1.4
4-Aminobiphenyl	0.13	NA	Dibenzo(a,e)pyrene	0.061	NA	Hexachloropropylene	0.035	30	Pyrene	0.067	8.2
Aniline	0.81	14	1,2-Dibromo-3-chloropropane	0.11	15	Indeno(1,2,3-c,d) pyrene	0.0055	3.4	Pyridine	0.014	16
Anthracene	0.059	3.4	1,2-Dibromoethane(Ethylene dibromide)	0.028	15	Iodomethane	0.19	65	Safrole	0.081	22
Aramite	0.36	NA	Dibromomethane	0.11	15	Isobutanol	5.6	170	1,2,4,5-Tetrachlorobenzene	0.055	14
Barban	0.056	1.4	m-Dichlorobenzene	0.036	6.0	Isodrin	0.021	0.066	Tetrachlorodibenzo-furans	0.000063	0.001
Bendiocarb	0.056	1.4	o-Dichlorobenzene	0.088	6.0	Isolan	0.056	1.4	Tetrachlorodibenzo-p-dioxins	0.000063	0.001
Bendiocarb phenol	0.056	1.4	p-Dichlorobenzene	0.09	6.0	Isosafrole	0.081	2.6	1,1,1,2-Tetrachloroethane	0.057	6.0
Benomyl	0.056	1.4	Dichlorodifluoromethane	0.23	7.2	Kepone	0.0011	0.13	1,1,2,2-Tetrachloroethane	0.057	6.0
alpha-BHC	0.0001	0.066	1,1-Dichloroethane	0.059	6.0	Methacrylonitrile	0.24	84	Tetrachloroethylene	0.056	6.0
beta-BHC	0.0001	0.066	1,2-Dichloroethane	0.21	6.0	Methanol	5.6	75 mg/L	2,3,4,6-Tetrachlorophenol	0.030	7.4
delta-BHC	0.023	0.066	1,1-Dichloroethylene	0.025	6.0	Methapyrilene	0.081	1.5	Thiodicarb	0.019	1.4
gamma-BHC	0.0017	0.066	trans-1,2-Dichloroethylene	0.054	30	Methiocarb	0.056	1.4	Thiophanate-methyl	0.056	1.4
Benzal Chloride	0.055	6.0	2,4-Dichlorophenol	0.044	14	Methomyl	0.028	0.14	Tirpate	0.056	0.28
Benzo(a)anthracene	0.059	3.4	2,6-Dichlorophenol	0.044	14	Methoxychlor	0.25	0.18	Toluene	0.080	10
Benzene	0.14	10	2,4-D	0.72	10	3-Methylcholanthrene	0.0055	15	Toxaphene	0.0005	2.6
Benzo(b)fluoranthene	0.11	6.8	1,2-Dichloropropane	0.85	18	4,4-Methylene bis(2-chloroaniline)	0.50	30	Triallate	0.042	1.4
Benzo(k)fluoranthene	0.11	6.8	cis-1,3-Dichloropropylene	0.036	18	Methylene chloride	0.089	30	1,2,4-Trichlorobenzene	0.055	19
Benzo(r,s,t) perylene	0.0055	1.8	trans-1,3-Dichloropropylene	0.036	18	Methyl ethyl ketone	0.28	36	1,1,1-Trichloroethane	0.054	6.0
Benzo(a) pyrene	0.061	3.4	Dieldrin	0.017	0.13	Methyl isobutyl ketone	0.14	33	1,1,2-Trichloroethane	0.054	6.0
bis(2-Chloroethoxy) methane	0.036	7.2	Diethyl phthalate	0.20	28	Methyl methacrylate	0.14	160	Trichloroethylene	0.054	6.0
bis(2-Chloroethyl) ether	0.033	6.0	Diethylene glycol, dicarbamate	0.056	1.4	Methyl methanesulfonate	0.018	NA	Trichlorofluoromethane	0.020	30
bis(2-Ethylhexyl) phthalate	0.28	28	p-Dimethylaminoazobenzene	0.13	NA	Methyl parathion	0.014	4.6	2,4,5-Trichlorophenol	0.018	7.4
Bromodichloromethane	0.35	15	2,4-Dimethylphenol	0.036	14	Metolcarb	0.056	1.4	2,4,6-Trichlorophenol	0.035	7.4
Bromoform (Tribromomethane)	0.63	15	Dimethyl phthalate	0.047	28	Mexacarbate	0.056	1.4	2,4,5-T	0.72	7.9
Bromomethane (Methyl bromide)	0.11	15	Dimetilan	0.056	1.4	Molinate	0.042	1.4	2,4,5-TP (Silvex)	0.72	7.9
4-Bromophenyl phenyl ether	0.055	15	Di-n-butyl phthalate	0.057	28	2-Naphthylamine	0.52	NA	1,2,3-Trichloropropane	0.85	30
n-Butanol (n-Butyl alcohol)	5.6	2.6	1,4-Dinitrobenzene	0.32	2.3	Naphthalene	0.059	5.6	1,1,2-Trichloro-1,2,2-trifluoroethane	0.057	30
Butyl benzyl phthalate	0.017	28	4,6-Dinitro-o-cresol	0.28	160	o-Nitroaniline	0.27	14	Triethylamine	0.081	1.5
Butylate	0.042	1.4	2,4-Dinitrophenol	0.12	160	p-Nitroaniline	0.028	28	Tris(2,3-Dibromopropyl) phosphate	0.11	0.10
2-sec-Butyl-4,6-dinitrophenol (Dinoseb)	0.066	2.5	2,4-Dinitrotoluene	0.32	140	Nitrobenzene	0.068	14	Vernolate	0.042	1.4
Carbaryl	0.006	0.14	2,6-Dinitrotoluene	0.55	28	5-Nitro-o-toluidine	0.32	28	Vinyl chloride	0.27	6.0
Carbendazim	0.056	1.4	Di-n-octyl phthalate	0.017	28	o-Nitrophenol	0.028	13	Xylene-sum of mixed isomers	0.32	30
Carbofuran	0.006	0.14	Di-n-propylnitrosamine	0.40	14	p-Nitrophenol	0.12	29	METALS AND INORGANICS	mg/L	mg/kg
Carbofuran phenol	0.056	1.4	1,4-Dioxane	12.0	170	N-Nitroso-di-n-butylamine	0.40	17	Antimony	1.9	1.15
Carbon disulfide	3.8	48 mg/L	Diphenylamine	0.92	13	N-Nitrosodiethylamine	0.40	28	Arsenic	1.4	5.0
Carbon tetrachloride	0.057	6.0	Diphenylnitrosamine	0.92	13	N-Nitrosodimethylamine	0.40	2.3	Barium	1.2	21
Carbosulfan	0.028	1.4	1,2-Diphenyl hydrazine	0.087	NA	N-Nitrosomethylethylamine	0.40	2.3	Beryllium	0.82	1.22
Chlordane (alpha and gamma)	0.0033	0.26	Disulfoton	0.017	6.2	N-Nitrosomorpholine	0.40	2.3	Cadmium	0.69	0.11
p-Chloroaniline	0.46	16	Dithiocarbamates (total)	0.028	28	N-Nitrosopiperidine	0.013	35	Chromium (Total)	2.77	0.60
Chlorobenzene	0.057	6.0	Endosulfan I	0.023	0.066	N-Nitrosopyrrolidine	0.013	35	Cyanide (Total)	1.2	590
Chlorobenzilate	0.10	NA	Endosulfan II	0.029	0.13	Oxamyl	0.056	0.28	Cyanide (Amenable)	0.86	30
2-Chloro-1,3-butadiene	0.057	0.28	Endosulfan sulfate	0.029	0.13	Parathion	0.014	4.6	Fluoride*	35	NA
Chlorodibromomethane	0.057	15	Endrin	0.0028	0.13	Total PCB's	0.10	10	Lead	0.69	0.75
Chloroethane	0.27	6.0	Endrin aldehyde	0.025	0.13	Pebulate	0.042	1.4	Mercury (retort residues)	NA	0.20
Chloroform	0.046	6.0	EPTC	0.042	1.4	Pentachlorobenzene	0.055	10	Mercury (all others)	0.15	0.025
p-Chloro-m-cresol	0.018	14	Ethyl acetate	0.34	33	Pentachlorodibenzo-p-dioxins	0.000063	0.001	Nickel	3.98	11
2-Chloroethyl vinyl ether	0.062	NA	Ethyl benzene	0.057	10	Pentachlordibenzo-furans	0.000063	0.001	Selenium	0.82	5.7
Chloromethane (Methyl Chloride)	0.19	30	Ethyl cyanide (Propanenitrile)	0.24	360	Pentachloroethane	0.055	6.0	Silver	0.43	0.14
Chloronaphthalene	0.055	5.6	Ethyl ether	0.12	160	Pentachloronitrobenzene	0.055	4.8	Sulfide	14	NA
-Chlorophenol	0.044	5.7	Ethyl methacrylate	0.14	160	Pentachlorophenol	0.089	7.4	Thallium	1.4	0.20
3-Chloropropylene	0.036	30	Ethylene oxide	0.12	NA	Phenacetin	0.081	16	Vanadium*	4.3	1.6
Chrysene	0.059	3.4	Famphur	0.017	15	Phenanthrene	0.059	5.6	Zinc*	2.61	4.3

* Fluoride, Vanadium, and Zinc are not "Underlying hazardous constituents" in characteristic wastes, according to the definition at 268.2(i).

Page ____ of ____

DYNECOL, INC.
6520 GEORGIA STREET
DETROIT, MICHIGAN 48211
PHONE: (313) 571-7140
FAX: (313) 571-7190

Cooling Tower Scale

WASTE APPROVAL FORM

Approval Number	164727		**Cust./Gen.Code:**	51	
Generator Name:	Double Eagle Steel Coating Co.				
Address:	Miller Rd.				
City:	Dearborn	**State:**	MI	**Zip Code:**	48120
Contact Name:	Chris McBee				
Phone Number:	313-363-1902		**Fax Number:**	313-203-9705	
24 Hour Emergency #:					
EPA ID Number:	MID 981 092 190		**SIC Code:**		
Customer Name:	Same				
Customer Contact:					
Address:					
City:		**State:**		**Zip Code:**	
Phone Number:			**Fax Number:**		
24 Hour Emergency #:					

Waste Common Name: Cooling Tower Scale

Specific Process Generating the waste: CM

Removal of scale from the bottom & sides of the cooling water tower. A cooling water tower at a steel galvanizing plant used to cool equipment & air conditioning units

COOLING TOWER SCALE

Constituent	Actual % of representative sample	Min. % of waste stream	Max. % of waste stream
COOLING TOWER SCALE	100	95	100
(dirt, surfactants, metal hydroxides)			

A. Michigan Act 451 and EPA 40 CFR Information: (For the following, please use SW 846 test method for determination)

1. Is this a hazardous waste as defined by either R299.9212-9214 or 261 Subpart B,C, or D?

Check One: _____ YES ✓ NO

a) *IF YES*, please list all applicable waste codes:

b) *IF NO*, please list all applicable non-hazardous waste codes as defined by Michigan Act 451 Part 121:

2. Does this waste indicate a volatile organic concentration in excess of 500 ppm or the compounds listed in 40 CFR 265 Appendix VI?:

Check One: _____ YES ✓ NO

a) *IF YES*, please indicate constituents and concentrations:

3. Does the analysis indicate PCB's above the detection limit?

Check One: _____ YES ✓ NO

a) *IF YES*, does the waste contain PCB contamination from a source with a concentration greater than or equal to 50 ppm?

Check One: _____ YES _____ NO

COOLING TOWER SCALE

B. Benzene/NESHAP Information (For the following, please use SW 846 method 8020 and/or EPA 602 and/or 624 for determination)

1. Does the waste stream have a benzene concentration of 10 ppm or more?

   Check One: ____ YES ✓ NO

   IF YES, please indicate total benzene concentration of waste:

2. Does the waste stream contain greater than 10% water ?

   Check One: ✓ Yes ____ NO

3. Does the generator manage wastes from facilities with Total Annual Benzene (TAB) greater or equal to 10 mg/year?

   Check One: ____ Yes ✓ NO

   IF YES, please indicate TAB quantity for generator facility:

C. Land Disposal Restriction Information (For the following, please see 40 CFR part 268.2 for definitions)

1. Does the waste stream contain less than 1% by weight Total Organic Carbon (TOC) and less than 1% by weight Total Suspended Solids?

   Check One: ____ YES (wastewater) ✓ NO (Non-wastewater)

Color: Black/Brown		Phases
pH: 6-8		☒ Single Layer
☐ Liquid ☐ Sludge/Slurry ☒ Solid		☐ Double Layer
Odor: ☒ None ☐ Strong ☐ Mild		☐ Multi-Layer

A. Determination of shipping name as defined by 29 CFR 172.101:

1. Proper Shipping Name:	NON Hazardous ~~liquid~~ GM SOLID				
2. Hazard Class: —	3. UN/NA Number: —				
4. Packing Group (Circle one):	I	II	III	None	
B. Shipping Container (Circle one)	Bulk	Drums	Pails	Totes	Roll Off	Other:
C. Waste Volume	cy 1 x 55 gallon				
D. Shipping Frequency (Circle one)	Weekly	Monthly	Quarterly	Yearly	One Time Only

COOLING TOWER SCALE

Dynecol, Inc. Waste Approval Form (WAF) — **Approval Number**

VIII. Shipment Section

Please list any additional comments concerning this waste stream below:

VIII. Generator Authorizations

A. Authorization to correct material profile sheet

I Christopher McGee (generator signature) hereby give authorization for Dynecol, Inc. to make corrections with oral authorization to establish consistency with the results of sample analysis and/or applicable federal and state regulations and the information on this profile. These changes WILL NOT include the addition or removal of waste codes and waste constituents which must have written authorization to be changed by the generator. I understand that Dynecol reserves the right to reject any material that does not conform to specifications described in profile.

B. Certification

I certify, under penalty of law, that I have personally examined, and am familiar with, the waste profiled through knowledge of the waste, and I believe the information submitted to be true, accurate, and complete.

CHRISTOPHER MCGEE	ENVIRONMENTAL ENGINEER
Generator Name (Please print or type)	**Title**
Christopher McGee	8/11/05
Generator Signature	**Date**

IX. Revision Section

Please list any revisions made to form

Revision	Date of Revision	Generator Authorization

X. Approval Section

A. Approval Information

CMF WASTES:		**PLANT WASTES:**	
Primary outbound approval number	Bay 19	Plant treatment code	
Off-site management code		On-site management code:	

WAF Initiator signature:			
Approved by:	S. O'Mara	Date:	8/31/2005

$90/Day

22345 Roethel Drive
Novi, MI 48375
248.344.1770
Fax 248.344.2654

Clayton®
GROUP SERVICES

August 19, 2005

Christopher McBee
DOUBLE EAGLE STEEL COATING COMPANY
3000 Miller Road
Dearborn, MI 48120-

Clayton Work Order No. 05080419

Reference:

Dear Christopher McBee:

Clayton Group Services received 3 samples on 8/9/2005 for the analyses presented in the following report.

Enclosed is a copy of the Chain-of-Custody record, acknowledging receipt of these samples. Please note that any unused portion of the samples will be discarded 30 days after the date of this report, unless you have requested otherwise.

This material is confidential and is intended solely for the person to whom it is addressed. If this is received in error, please contact the number provided below.

We appreciate the opportunity to assist you. If you have any questions concerning this report, please contact a Client Services Representative at (800) 806-5887.

Sincerely,

Karen Coonan

Karen Coonan
Client Services Representative

cc:

CASE NARRATIVE

Date: *19-Aug-05*

CLIENT: DOUBLE EAGLE STEEL COATING COMPANY

Project:

Work Order No 05080419

All quality control results associated with this sample set were within acceptable limits and/or do not adversely affect the reported results, unless otherwise noted below.

Samples were received at the laboratory at an average temperature of 5.4 °C.

ANALYTICAL RESULTS

Date: *19-Aug-05*

CLIENT: DOUBLE EAGLE STEEL COATING COMPANY
Client Sample ID: COOLING TOWER SCALE
Work Order No: 05080419
Tag Number:
Project:
Collection Date: 8/8/2005
Lab ID: 05080419-001A
Matrix: SOLID

Analyses	Result	Reporting Limit	Qual	Units	DF	Date Analyzed	Analyst
SW-846 METHOD 1030							
Ignitability	negative	0		Positive/Neg	1	8/18/2005	HML
PCBS BY GC; METHOD EPA 8082							
Aroclor 1016	ND	330		µg/Kg	1	8/17/2005	BVP
Aroclor 1221	ND	330		µg/Kg	1	8/17/2005	BVP
Aroclor 1232	ND	330		µg/Kg	1	8/17/2005	BVP
Aroclor 1242	ND	330		µg/Kg	1	8/17/2005	BVP
Aroclor 1248	ND	330		µg/Kg	1	8/17/2005	BVP
Aroclor 1254	ND	330		µg/Kg	1	8/17/2005	BVP
Aroclor 1260	ND	330		µg/Kg	1	8/17/2005	BVP
PH, SOIL OR WASTE; METHOD EPA 9045C							
pH	7.6	1.0		pH Units	1	8/18/2005	HML
REACTIVE CYANIDE, EPA SW 846 CHAPTER 7.3.3.2							
Reactive Cyanide	ND	0.10		mg/Kg	1	8/19/2005	HML
REACTIVE SULFIDE; EPA SW 846 CHAPTER 7.3.4.2							
Reactive Sulfide	ND	100		mg/Kg	1	8/19/2005	HML

Qualifiers:

ND - Not Detected at the Reporting Limit (RL).
J - Analyte detected below the Reporting Limit
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
T - Tentatively Identified Compound (TIC)

ANALYTICAL RESULTS

Date: *19-Aug-05*

CLIENT:	DOUBLE EAGLE STEEL COATING COMPANY	**Client Sample ID:**	COOLING TOWER SCALE
Work Order No:	05080419	**Tag Number:**	
Project:		**Collection Date:**	8/8/2005
Lab ID:	05080419-001B	**Matrix:**	LEACHATE

Analyses	Result	Reporting Limit	Qual	Units	DF	Date Analyzed	Analyst
ICP METALS;LEACHATE: METHOD EPA 1311/6010B							
Arsenic	ND	0.10		mg/L	1	8/12/2005	DH
Barium	0.44	0.10		mg/L	1	8/12/2005	DH
Cadmium	ND	0.050		mg/L	1	8/12/2005	DH
Chromium	ND	0.10		mg/L	1	8/12/2005	DH
Lead	ND	0.10		mg/L	1	8/12/2005	DH
Selenium	ND	0.20		mg/L	1	8/12/2005	DH
Silver	ND	0.020		mg/L	1	8/12/2005	DH
MERCURY; LEACHED: METHOD EPA 1311/7470A							
Mercury	ND	0.0010		mg/L	1	8/12/2005	CAW

Qualifiers:

ND - Not Detected at the Reporting Limit (RL).
J - Analyte detected below the Reporting Limit
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
T - Tentatively Identified Compound (TIC)

DYNECOL
MID 074259565

DYNECOL, INC.
6520 GEORGIA STREET
DETROIT, MICHIGAN 48211
PHONE: (313) 571-7141
FAX: (313) 571-7190

Recertification: Y (N)

WASTE APPROVAL FORM

Approval # 164403

Code 51

I GENERAL INFORMATION

Customer: Same	Generator: Double Eagle Steel Coating
Address:	Address: 3000 Miller Rd
City:	City: Dearborn
State: Zip Code:	State: MI Zip Code: 48120
Contact:	Contact: Christopher McBee
Phone #: Fax:	Phone #: 313-203-9829 Fax: 313-203-9705
24 hour phone #:	EPA ID#: MID 981 092 190

II WASTE DESCRIPTION

Waste Common Name: DE10

Specific Process Generating the Waste:

Unknown Drum with acidic liquid

WASTE COMPOSITION (must equal 100%):	ACTUAL %	MIN.	MAX.
Inorganic acidic liquid	100%		

CIRCLE YES (Y) OR NO (N) TO THE FOLLOWING CHARACTERISTICS OR CONTAMINANTS

Carcinogen Y (N) Oxidizer Y (N) Organics Y (N) Explosives Y (N) Phenols Y (N) Hexavalent Chromium Y (N)
Radioactives Y (N) Poison Y (N) PCBs Y (N) Pesticides Y (N)

As defined in 40 CFR 268: ( ) Non-wastewater (X) Wastewater (LIQUID) SOLID SLURRY

Sample submitted to Dynecol: (Y) N Color: yellow, clear

III RCRA/ACT 64 WASTE CHARACTERIZATION

This is a **hazardous** waste as defined by either Michigan Act 451 or EPA 40 CFR 261: Yes (✓) No ____

If yes, list all waste codes: D002, D030, D032

This is a **non-hazardous** waste as defined by Michigan Act 451: Yes ____ No (✓)

If yes, list all waste codes:

This waste contains a toxicity characteristic of 40 CFR 261.24 identified as waste codes D018 through D043:

Yes (X) No ____* Unknown ____

If yes, list all waste codes: D030

* If based on generator knowledge, please read and understand certification in Section VI

Revised Jan. '99

DE10 DG62

IV SHIPPING INFORMATION

ste Volume: 1 UNIT: (circle one) GALLONS POUNDS DRUMS OTHER

Shipment Frequency: (circle one) WEEK MONTH QUARTER YEAR ONE-TIME ONLY

DOT Proper Shipping Name per 49 CFR 172.101:

RQ, Waste Corrosive Liquid, acidic, inorganic, NOS (Hydrochloric Acid)

DOT Hazard Class: 8 UN/NA Number: 3264 Packing Group: I II III None

V COMMENTS

There are no pesticides or herbicides used on site at this facility.
* Generator believes acid to be Hydrochloric.

VI GENERATOR CERTIFICATION

I certify under penalty of law that I personally have examined and am familiar with the waste through analysis and testing or through knowledge of the waste, and I believe that the information I submitted is true, accurate and complete.

CHRISTOPHER MCBEE
Generator Name (Please print or type)

6 / 7 / 05
Date

Christopher McBee
Generator Signature

ENVIRONMENTAL ENGINEER
Title

VII WASTE ANALYSIS

MINIMUM ANALYTICAL REQUIREMENTS FOR HAZARDOUS WASTES ARE (All Methods per SW846):

- Flash, pH, and Reactives (Detection limit of 20ppm for Cyanide and Sulfide)
- PCBs, %HOCs (Method 9020), (Nickel and Thallium as necessary)
- TCLP metals: Arsenic, Barium, Cadmium, Chromium, Lead, Mercury, Selenium, Silver
- Michigan metals: Copper and Zinc (as necessary)

(The above items may be restricted from land disposal.)

LABORATORY ANALYSIS IS ATTACHED FOR THE ABOVE ITEMS:

Yes____ No____ Complete____ Partial____* MSDS____

* ____ Authorization for Dynecol to perform analysis as necessary

Purchase Order #____

VIII DYNECOL USE ONLY

Approval #: 1044403

Treatment Facility: CMF: ✓

Approved by: Date:

Expiration date: 6/7/2006

$ 90/Drum

DYNECOL
MID 074259565

DYNECOL, INC.
(313) 571-7141

CERTIFICATION FORM

(Submit with waste approval package)

UNDERLYING CONSTITUENTS/VOLATILE ORGANIC COMPOUNDS (VOC)

APPROVAL NUMBER: 164403 **EPA ID NUMBER:** MID 981 092 190

GENERATOR NAME: Double Eagle Steel Coating Co.

EPA HAZARDOUS WASTE NUMBERS:

D002, D030, D032

MANIFEST NUMBER (IF APPLICABLE): _____

PLEASE PLACE A CHECK MARK IN THE APPROPRIATE BOX:

- [ ] THIS WASTE IS NOT PROHIBITED FROM LAND DISPOSAL. (NOTE – ADDITIONAL CERTIFICATIONS MAY BE REQUIRED)
- [x] THIS WASTE IS PROHIBITED FROM LAND DISPOSAL.
- [x] THE WASTE DOES NOT CONTAIN UNDERLYING HAZARDOUS CONSTITUENTS LISTED IN 40 CFR 268.48 TABLE UTS-UNIVERSAL TREATMENT STANDARDS (EXCLUDING FLUORIDE, VANADIUM AND/OR ZINC).
- [x] THE WASTE DOES CONTAIN UNDERLYING HAZARDOUS CONSTITUENTS LISTED IN 40 CFR 268.48 TABLE UTS-UNIVERSAL TREATMENT STANDARDS (EXCLUDING FLUORIDE, VANADIUM AND/OR ZINC).
- [x] THE WASTE DOES NOT CONTAIN VOLATILE ORGANIC COMPOUNDS GREATER THAN 500 PPM.
- [ ] THE WASTE DOES CONTAIN VOLATILE ORGANIC COMPOUNDS GREATER THAN 500 PPM.

NOTE: ADDITIONAL INFORMATION AS REQUIRED PER 40 CFR 268.7 GENERAL PAPERWORK REQUIREMENTS TABLE CAN BE FOUND IN THE ATTACHED DYNECOL WASTE APPROVAL FORM.

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE WASTE THROUGH ANALYSIS AND TESTING OR THROUGH KNOWLEDGE OF THE WASTE, AND BELIEVE THAT THE INFORMATION I SUBMITTED IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING A FALSE CERTIFICATION, INCLUDING A POSSIBILITY OF A FINE AND/OR IMPRISONMENT.

Christopher McBee	CHRISTOPHER MCBEE	6/7/05
AUTHORIZED SIGNATURE	PRINTED NAME	DATE

TABLE UTS-- 268.48 UNIVERSAL TREATMENT STANDARDS

ORGANIC CONSTITUENTS	ww-mg/L	nww-mg/L
A2213	0.042	1.4
X Acenaphthene	0.059	3.4
Acenaphthylene	0.059	3.4
Acetone	0.28	160
Acetonitrile	5.6	38
Acetophenone	0.010	9.7
2-Acetylaminofluorene	0.059	140
Acrolein	0.29	NA
Acrylamide	19	23
Acrylonitrile	0.24	84
Aldecarb sulfone	0.056	0.28
X Aldrin	0.021	0.066
4-Aminobiphenyl	0.13	NA
Aniline	0.81	14
X Anthracene	0.059	3.4
Aramite	0.36	NA
Barban	0.056	1.4
Bendiocarb	0.056	1.4
Bendiocarb phenol	0.056	1.4
Benomyl	0.056	1.4
X alpha-BHC	0.0001	0.066
X beta-BHC	0.0001	0.066
delta-BHC	0.023	0.066
gamma-BHC	0.0017	0.066
Benzal Chloride	0.055	6.0
X Benz(a)anthracene	0.059	3.5
Benzene	0.14	10
X Benzo(b)fluoranthene	0.11	6.8
X Benzo(k)fluoranthene	0.11	6.8
X Benzo(g,h,I) perylene	0.0055	1.8
X Benzo(a) pyrene	0.061	3.4
X bis(2-Chloroethoxy) methane	0.036	7.2
X bis(2-Chloroethyl) ether	0.033	6.0
X bis(2-Ethylhexyl) phthalate	0.28	28
Bromodichloromethane	0.35	15
Bromoform (Tribromomethane)	0.63	15
Bromomethane (Methyl bromide)	0.11	15
X 4-Bromophenyl phenyl ether	0.055	15
n-Butanol (n-Butyl alcohol)	5.6	2.6
X Butyl benzyl phthalate	0.017	28
Butylate	0.042	1.4
2-sec-Butyl-4,6-dinitrophenol (Dinoseb)	0.066	2.5
Carbaryl	0.006	0.14
Carbendazim	0.056	1.4
Carbofuran	0.006	0.14
Carbofuran phenol	0.056	1.4
Carbon disulfide	3.8	4.8 mg/L
X Carbon tetrachloride	0.057	6.0
Carbosulfan	0.028	1.4
Chlordane (alpha and gamma)	0.0033	0.26
p-Chloroaniline	0.46	16
X Chlorobenzene	0.057	6.0
Chlorobenzilate	0.10	NA
2-Chloro-1,3-butadiene	0.057	0.28
Chlorodibromomethane	0.057	15
Chloroethane	0.27	6.0
X Chloroform	0.046	6.0
p-Chloro-m-cresol	0.018	14
2-C[illegible]ethyl vinyl ether	0.062	NA
Chlo[illegible]methane (Methyl Chloride)	0.19	30
X 2-Chloronaphthalene	0.055	5.6
X 2-Chlorophenol	0.044	5.7
3-Chloropropylene	0.036	30
Chrysene	0.059	3.4

ORGANIC CONSTITUENTS	ww-mg/L	nww-mg/L
m-Cresol	0.11	5.6
p-Cresol	0.77	5.6
o-Cresol	0.77	5.6
m-Cumenyl methylcarbamate	0.056	1.4
Cyclohexanone	0.36	75 mg/L
o,p'-DDD	0.023	0.087
p,p'-DDD	0.023	0.087
o,p'-DDE	0.031	0.087
p,p'-DDE	0.031	0.087
o,p'-DDT	0.0039	0.087
p,p'-DDT	0.0039	0.087
X Dibenz(a,h)anthracene	0.055	8.2
Dibenzo(a,e)pyrene	0.061	NA
1,2-Dibromo-3-chloropropane	0.11	15
1,2-Dibromoethane(Ethylene dibromide)	0.028	15
Dibromoethane	0.11	15
m-Dichlorobenzene	0.036	6.0
o-Dichlorobenzene	0.088	6.0
p-Dichlorobenzene	0.09	6.0
Dichlorodifluoromethane	0.23	7.2
X 1,1-Dichloroethane	0.059	6.0
1,2-Dichloroethane	0.21	6.0
1,1-Dichloroethylene	0.025	6.0
trans-1,2-Dichloroethylene	0.054	30
X 2,4-Dichlorophenol	0.044	14
2,6-Dichlorophenol	0.044	14
2,4-D	0.72	10
1,2-Dichloropropane	0.85	18
cis-1,3-Dichlorpropylene	0.036	18
trans-1,3-Dichchloropropylene	0.036	18
X Dieldrin	0.017	0.13
Diethyl phthalate	0.20	28
Diethylene glycol, dicarbamate	0.056	1.4
p-Dimethylaminoazobenzen	0.13	NA
X 2,4-Dimethylphenol	0.036	14
X Dimethyl phthalate	0.047	28
Dimetilan	0.056	1.4
X Di-n-butyl phthalate	0.057	28
1,4-Dinitrobenzene	0.32	2.3
4,6-Dinitro-o-cresol	0.28	160
X 2,4-Dinitrophenol	0.12	160
2,4-Dinitrotoluene	0.32	140
2,6-Dinitrotoluene	0.55	28
X Di-n-octyl phthalate	0.017	28
Di-n-propylnitrosamine	0.40	14
1,4-Dioxane	12.0	170
Diphenylamine	0.92	13
Diphenylnitrosamine	0.92	13
1,2-Diphenyl hydrazine	0.087	NA
Disulfoton	0.017	6.2
Dithiocarbamates (total)	0.028	28
X Endosulfan I	0.023	0.066
X Endosulfan II	0.029	0.13
X Endosulfan sulfate	0.029	0.13
X Endrin	0.0028	0.13
X Endrin aldehyde	0.025	0.13
EPTC	0.042	1.4
Ethyl acetate	0.34	33
Ethyl benzene	0.057	10
Ethyl cyanide (Propanenitrile)	0.24	360
Ethyl ether	0.12	160
Ethyl methacrylate	0.14	160
Ethylene oxide	0.12	NA
Famphur	0.017	15

ORGANIC CONSTITUENTS	ww-mg/L	nww-mg/L
X Fluoranthene	0.068	3.4
X Fluorene	0.059	3.4
Formetanate hydrochloride	0.056	1.4
Formparanate	0.056	1.4
X Heptachlor	0.0012	0.066
X Heptachlor epoxide	0.016	0.0066
X Hexachlorobenezene	0.055	10
X Hexachlorobutadiene	0.055	5.6
X Hexachlorocyclopentadiene	0.057	2.4
Hexachlorodibenzo-furans	0.000063	0.001
Hexachlorodibenzo-p-dioxins	0.000063	0.001
X Hexachloroethane	0.055	30
Hexachloropropylene	0.035	30
X Indeno(1,2,3-c,d) pyrene	0.0055	3.4
Iodomethane	0.19	65
Isobutanol	5.6	170
Isodrin	0.021	0.066
Isolan	0.056	1.4
Isosafrole	0.081	2.6
Kepone	0.0011	0.13
Methacrylonitrile	0.24	84
Methanol	5.6	75 mg/L
Methapyrilene	0.081	1.5
Methiocarb	0.056	1.4
Methomyl	0.028	0.14
Methoxychlor	0.25	0.18
3-Methylchoanthrene	0.0055	15
4,4-Methylene bis(2-chloraniline)	0.50	30
Methylene chloride	0.089	30
Methyl ethyl ketone	0.28	36
Methyl isobutyl ketone	0.14	33
Methyl methacrylate	0.14	160
Methyl methansulfonate	0.018	NA
Methyl parathion	0.014	4.6
Metolcarb	0.056	1.4
Mexacarbate	0.056	1.4
Molinate	0.042	1.4
2-Naphthylamine	0.52	NA
X Naphthalene	0.059	5.6
o-Nitroaniline	0.27	14
p-Nitrolaniline	0.028	28
X Nitrobenezene	0.068	14
5-Nitro-o-toluidine	0.32	28
o-Nitrophenol	0.028	13
p-Nitrophenol	0.12	29
N-Nitroso-di-n-butylamine	0.40	17
N-Nitrosodiethylamine	0.40	28
N-Nitrosodimethylamine	0.40	2.3
N-Nitrosomethylethylamine	0.40	2.3
N-Nitrosomorpholine	0.40	2.3
N-Nitrosopiperidine	0.013	35
N-Nitrosopyrrolidine	0.013	35
Oxamyl	0.056	0.28
Parathion	0.014	4.6
Total PCB's	0.10	10
Pebulate	0.042	1.4
Pentachlorobenzene	0.055	10
Pentachlorodibenzo-p-dioxins	0.000063	0.001
Pentachlordibenzo-furans	0.000035	0.001
Pentachloroethane	0.055	6.0
Pentachloronitrobenzene	0.055	4.8
X Pentachlorophenol	0.089	7.4
Phenacetin	0.081	16
X Phenanthrene	0.059	5.6

ORGANIC CONSTITUENTS	ww-mg/L	nww-mg/L
X Phenol	0.039	6.
o-Phenylenediamine	0.056	5.
Phorate	0.021	4.
Phthalic acid	0.055	2
Phthalic anhydride	0.055	2
Physostigmine	0.056	1.
Physostigmine salicylate	0.056	1.
Promecarb	0.056	1.4
Pronamide	0.093	1.5
Propham	0.056	1.4
Propoxur	0.056	1.4
Prosulfocarb	0.042	1.4
X Pyrene	0.067	8.2
X Pyridine	0.014	16
Safrole	0.081	22
1,2,4,5-Tetrachlorobenzene	0.055	14
Tetrachlorodibenzo-furans	0.000063	0.001
Tetrachlorodibenzo-p-dioxins	0.000063	0.001
1,1,1,2-Tetrachloroethane	0.057	6.0
1,1,2,2-Tetrachloroethane	0.057	6.0
Tetrachloroethylene	0.056	6.0
2,3,4,6-Tetrachlorophenol	0.030	7.4
Thiodicarb	0.019	1.4
Thiophanate-methyl	0.056	1.4
Tirpate	0.056	0.28
Toluene	0.080	10
Toxaphene	0.0095	2.6
Triallate	0.042	1.4
X 1,2,4-Trichlorobenzene	0.055	19
1,1,1-Trichloroethane	0.054	6.0
1,1,2-Trichloroethane	0.054	6.0
Trichloroethylene	0.054	6.0
Trichlorofluoromethane	0.020	30
X 2,4,5-Trichlorophenol	0.018	7.4
X 2,4,6-Trichlorophenol	0.035	7.4
2,4,5-T	0.72	7.9
2,4,5-TP (Silvex)	0.72	7.9
1,2,3-Trichloropropane	0.85	30
1,1,2-Trichloro-1,2,2-trifluoroethane	0.057	30
Triethylamine	0.081	1.5
Tris(2,3-Dibromopropyl) phosphate	0.11	0.10
Vernolate	0.042	1.4
Vinyl chloride	0.27	6.0
Xylene-sum of mixed isomers	0.32	30
METALS AND INORGANICS	**WW-mg/L**	**nww-mg/L**
Antimony	1.9	1.15
Arsenic	1.4	5.0
Barium	1.2	21
Beryllium	0.82	1.22
Cadmium	0.69	0.11
Chromium (Total)	2.77	0.60
Cyanide (Total)	1.2	590
Cyanide (Amenable)	0.86	30
Fluoride*	35	NA
Lead	0.69	0.75
Mercury (retort residues)	NA	0.20
Mercury (all others)	0.15	0.025
Nickel	3.98	11
Selenium	0.82	5.7
Silver	0.43	0.14
Sulfide	14	NA
Thallium	1.4	0.20
Vanadium*	4.3	1.6
Zinc*	2.61	4.3

* Fluoride, Vanadium, and Zinc are not "Underlying hazardous constituents" in characteristic wastes, according to the definition at 268.2(i).

DYNECOL

DYNECOL, INC.

6520 GEORGIA STREET
DETROIT, MICHIGAN 48211
PHONE: (313) 571-7141
FAX: (313) 571-7190

Dynecol, Inc.
6520 Georgia St.
Detroit, MI 48211

Attn: Customer Service Dept.

RE: Approval # 164403

Waste type: Unknown Acidic Liquid - DE 10

Due to my specific knowledge of the process which generated this waste and/or the specific generation source, this waste is not a waste regulated under 40 CFR Subpart D 261.31, "Hazardous wastes from non-specific sources" (Michigan Act 451 R 299.9213), ("F" listed wastes); 40 CFR 261.32, "Hazardous wastes from specific sources" (Michigan Act 451 R 299.9213), ("K" listed wastes); 40 CFR 261.33, "Discarded commercial chemical products, off specification species, container residues, and spill residues, thereof" (Michigan Act 451 R 299.9214), ("P" and "U" listed wastes). Additionally due to my specific knowledge of this waste and the generating facility, this waste does not contain the following pesticides or herbicides; endrin, heptachlor, lindane, methoxychlor, chlordane, toxaphene, 2,4-D, 2,4,5-TP Silvex.

This waste will only be characterized under the provisions in 40 CFR Subpart C 261.20 through 261.24 (Act 451 R 299.9212) through the identification of the regulated characteristics that the waste exhibits.

DOUBLE EAGLE STEEL
COMPANY NAME

Christopher McGee
AUTHORIZED SIGNATURE

6/7/05
DATE

22345 Roethel Drive
Novi, MI 48375
248.344.1770
Fax 248.344.2654

Clayton GROUP SERVICES

May 05, 2005

Christopher McBee
DOUBLE EAGLE STEEL COATING COMPANY
3000 Miller Road
Dearborn, MI 48120-

Clayton Work Order No. 05050133

Reference:

Dear Christopher McBee:

Clayton Group Services received 4 samples on 5/4/2005 for the analyses presented in the following report.

This is an additional report. Please see the Case Narrative for details.

This material is confidential and is intended solely for the person to whom it is addressed. If this is received in error, please contact the number provided below.

We appreciate the opportunity to assist you. If you have any questions concerning this report, please contact a Client Services Representative at (800) 806-5887.

Sincerely,

Karen Coonan

Karen Coonan
Client Services Representative

cc:

CASE NARRATIVE

Date: *05-May-05*

CLIENT: DOUBLE EAGLE STEEL COATING COMPANY

Project:

Work Order No 05050133

Unless otherwise noted below, all quality control results associated with this sample set were within acceptable limits and/or do not adversely affect the reported results.

This is additional work. The original Work Order number is 05040641.

ANALYTICAL RESULTS

Date: *05-May-05*

CLIENT: DOUBLE EAGLE STEEL COATING COMPANY
Client Sample ID: [redacted]
Work Order No: 05050133
Tag Number:
Project:
Collection Date: 4/7/2005 11:00:00 AM
Lab ID: 05050133-002A
Matrix: WASTE

Analyses	Result	Reporting Limit	Qual	Units	DF	Date Analyzed	Analyst
REACTIVE CYANIDE, EPA SW 846 CHAPTER 7.3.3.2							
Reactive Cyanide	ND	0.10		mg/Kg	1	5/4/2005	HML
REACTIVE SULFIDE; EPA SW 846 CHAPTER 7.3.4.2							
Reactive Sulfide	ND	100		mg/Kg	1	5/4/2005	HML

Qualifiers:

ND - Not Detected at the Reporting Limit (RL).
J - Analyte detected below the Reporting Limit
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
T - Tentatively Identified Compound (TIC)

ANALYTICAL RESULTS

Date: *29-Apr-05*

CLIENT: DOUBLE EAGLE STEEL COATING COMPANY
Client Sample ID: DE10 UNKNOWN LIQUID
Work Order No: 05040641
Tag Number:
Project:
Collection Date: 4/7/05 11:00:00 AM
Lab ID: 05040641-003C
Matrix: WASTE

Analyses	Result	Reporting Limit	Qual	Units	DF	Date Analyzed	Analyst
IGNITABILITY; METHOD EPA 1010							
Ignitability	>200	0		°F	1	4/25/05	CLH
PH; METHOD EPA 150.1							
pH	<2	1.0		pH Units	1	4/19/05 11:00:00	HML

Qualifiers:

ND - Not Detected at the Reporting Limit (RL).
J - Analyte detected below the Reporting Limit
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
T - Tentatively Identified Compound (TIC)

ANALYTICAL RESULTS

Date: *29-Apr-05*

CLIENT: DOUBLE EAGLE STEEL COATING COMPANY
Client Sample ID: DE-10 UNKNOWN LIQUID
Work Order No: 05040641
Tag Number:
Project:
Collection Date: 4/7/05 11:00:00 AM
Lab ID: 05040641-003B
Matrix: LEACHATE

Analyses	Result	Reporting Limit	Qual	Units	DF	Date Analyzed	Analyst
ICP METALS;LEACHATE: METHOD EPA 1311/6010B							
Arsenic	0.22	0.10		mg/L	1	4/21/05	CAW
Barium	0.11	0.10		mg/L	1	4/21/05	CAW
Cadmium	ND	0.050		mg/L	1	4/21/05	CAW
Chromium	0.29	0.10		mg/L	1	4/21/05	CAW
Lead	ND	0.10		mg/L	1	4/21/05	CAW
Selenium	ND	0.20		mg/L	1	4/21/05	CAW
Silver	ND	0.020		mg/L	1	4/21/05	CAW
MERCURY; LEACHED: METHOD EPA 1311/7470A							
Mercury	ND	0.0010		mg/L	1	4/21/05	CAW
GC/MS TCLP VOLATILES; METHOD EPA 1311/8260B							
Benzene	ND	0.20		mg/L	200	4/21/05 11:55:00	DRS
2-Butanone	ND	4.0		mg/L	200	4/21/05 11:55:00	DRS
Carbon tetrachloride	ND	0.20		mg/L	200	4/21/05 11:55:00	DRS
Chlorobenzene	ND	0.20		mg/L	200	4/21/05 11:55:00	DRS
Chloroform	ND	0.20		mg/L	200	4/21/05 11:55:00	DRS
1,2-Dichloroethane	ND	0.20		mg/L	200	4/21/05 11:55:00	DRS
1,1-Dichloroethene	ND	0.20		mg/L	200	4/21/05 11:55:00	DRS
Tetrachloroethene	ND	0.20		mg/L	200	4/21/05 11:55:00	DRS
Trichloroethene	ND	0.20		mg/L	200	4/21/05 11:55:00	DRS
Vinyl chloride	ND	0.20		mg/L	200	4/21/05 11:55:00	DRS

Qualifiers:
ND - Not Detected at the Reporting Limit (RL)
J - Analyte detected below the Reporting Limit
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
T - Tentatively Identified Compound (TIC)

ANALYTICAL RESULTS

Date: *29-Apr-05*

CLIENT: DOUBLE EAGLE STEEL COATING COMPANY
Client Sample ID: DE 10 UNKNOWN LIQUID
Work Order No: 05040641
Tag Number:
Project:
Collection Date: 4/7/05 11:00:00 AM
Lab ID: 05040641-003A
Matrix: WASTE

Analyses	Result	Reporting Limit	Qual	Units	DF	Date Analyzed	Analyst
PCBS BY GC; METHOD EPA 8082							
Aroclor 1016	ND	17		µg/L	1	4/21/05	BVP
Aroclor 1221	ND	17		µg/L	1	4/21/05	BVP
Aroclor 1232	ND	17		µg/L	1	4/21/05	BVP
Aroclor 1242	ND	17		µg/L	1	4/21/05	BVP
Aroclor 1248	ND	17		µg/L	1	4/21/05	BVP
Aroclor 1254	ND	17		µg/L	1	4/21/05	BVP
Aroclor 1260	ND	17		µg/L	1	4/21/05	BVP

Qualifiers:

ND - Not Detected at the Reporting Limit (RL).
J - Analyte detected below the Reporting Limit
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
T - Tentatively Identified Compound (TIC)

Midwest Analytical Services, Inc.

"Where industry comes for answers."

2905 Hilton Rd
Ferndale, MI 48220

Phone: (248) 591-6660
MI Only: (888) 801-4MAS
Fax No: (248) 591-6668

All test reports include a chain of custody and a cover sheet.

Dynecol, Inc.
6250 Georgia St
Detroit, MI 48211-1594

Test Report
Order ID: 0505107
MAS Sample #: 050512013
Date Completed: 05/19/2005
PO Number: 17960

Project Identification: Double Eagle Steel Coating

Sample Identification: 164327 Composite DE11 & DE10

Physical Description: Liquid

Sample Date: 05/09/2005

Method Number	Parameter	Result	Units	EQL	Analyst	Date Analyzed	Data Flag
SW 846 8270C	2,4,5-Trichlorophenol	N/D	mg/Kg	0.20	DC	05/14/2005	
SW 846 8270C	2-Chloronaphthalene	N/D	mg/Kg	0.20	DC	05/14/2005	
SW 846 8270C	2-Nitroaniline	N/D	mg/Kg	0.20	DC	05/14/2005	
SW 846 8270C	Dimethyl Phthalate	N/D	mg/Kg	0.20	DC	05/14/2005	
SW 846 8270C	2,6-Dinitrotoluene	N/D	mg/Kg	0.20	DC	05/14/2005	
SW 846 8270C	Acenaphthylene	N/D	mg/Kg	0.20	DC	05/14/2005	
SW 846 8270C	3-Nitroaniline	N/D	mg/Kg	0.20	DC	05/14/2005	
SW 846 8270C	Acenaphthene	N/D	mg/Kg	0.20	DC	05/14/2005	
SW 846 8270C	2,4-Dinitrophenol	N/D	mg/Kg	0.20	DC	05/14/2005	
SW 846 8270C	4-Nitrophenol	N/D	mg/Kg	0.20	DC	05/14/2005	
SW 846 8270C	2,4-Dinitrotoluene	N/D	mg/Kg	0.20	DC	05/14/2005	
SW 846 8270C	Dibenzofuran	N/D	mg/Kg	0.20	DC	05/14/2005	
SW 846 8270C	Diethyl Phthalate	N/D	mg/Kg	0.20	DC	05/14/2005	
SW 846 8270C	2-Methyl-4,6-dinitrophenol	N/D	mg/Kg	0.20	DC	05/14/2005	
SW 846 8270C	3,3'-Dichlorobenzidine	N/D	mg/Kg	0.20	DC	05/14/2005	
SW 846 8270C	4,4'-DDD	N/D	mg/Kg	0.20	DC	05/14/2005	
SW 846 8270C	4,4'-DDE	N/D	mg/Kg	0.20	DC	05/14/2005	
SW 846 8270C	4,4'-DDT	N/D	mg/Kg	0.20	DC	05/14/2005	
SW 846 8270C	4-Bromophenyl-phenylether	N/D	mg/Kg	0.20	DC	05/14/2005	
SW 846 8270C	4-Chlorophenyl Phenyl Ether	N/D	mg/Kg	0.20	DC	05/14/2005	
SW 846 8270C	4-Nitroaniline	N/D	mg/Kg	0.20	DC	05/14/2005	
SW 846 8270C	Aldrin	N/D	mg/Kg	0.20	DC	05/14/2005	
SW 846 8270C	Alpha-BHC	N/D	mg/Kg	0.20	DC	05/14/2005	
SW 846 8270C	Alpha-chlordane	N/D	mg/Kg	0.20	DC	05/14/2005	
SW 846 8270C	Anthracene	N/D	mg/Kg	0.20	DC	05/14/2005	
SW 846 8270C	Azobenzene	N/D	mg/Kg	0.20	DC	05/14/2005	
SW 846 8270C	Benz(a)anthracene	N/D	mg/Kg	0.20	DC	05/14/2005	
SW 846 8270C	Benzidine	N/D	mg/Kg	0.20	DC	05/14/2005	
SW 846 8270C	Benzo [a]pyrene	N/D	mg/Kg	0.20	DC	05/14/2005	
SW 846 8270C	Benzo(b)fluoranthene	N/D	mg/Kg	0.20	DC	05/14/2005	
SW 846 8270C	Benzo(g,h,i)perylene	N/D	mg/Kg	0.20	DC	05/14/2005	

Charles Hindbaugh

Charles Hindbaugh
Quality Manager

Midwest Analytical Services, Inc.

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All test reports include a chain of custody and a cover sheet.

Dynecol, Inc.
6250 Georgia St
Detroit, MI 48211-1594

Test Report
Order ID: 0505107
MAS Sample #: 050512013
Date Completed: 05/19/2005
PO Number: 17960

Project Identification: Double Eagle Steel Coating

Sample Identification: 164327 Composite DE11 & DE10

Physical Description: Liquid

Sample Date: 05/09/2005

Method Number	Parameter	Result	Units	EQL	Analyst	Date Analyzed	Data Flag
SW 846 8270C	Benzo(k)fluoranthene	N/D	mg/Kg	0.20	DC	05/14/2005	
SW 846 8270C	Beta-BHC	N/D	mg/Kg	0.20	DC	05/14/2005	
SW 846 8270C	Bis(2-ehtylhexyl)phthalate	N/D	mg/Kg	0.20	DC	05/14/2005	
SW 846 8270C	Butyl Benzyl Phthalate	N/D	mg/Kg	0.20	DC	05/14/2005	
SW 846 8270C	Chrysene	N/D	mg/Kg	0.20	DC	05/14/2005	
SW 846 8270C	Delta BHC	N/D	mg/Kg	0.20	DC	05/14/2005	
SW 846 8270C	Di-n-butylphthalate	N/D	mg/Kg	0.20	DC	05/14/2005	
SW 846 8270C	Di-n-octyl Phthalate	N/D	mg/Kg	0.20	DC	05/14/2005	
SW 846 8270C	Dibenzo(a,h)anthracene	N/D	mg/Kg	0.20	DC	05/14/2005	
SW 846 8270C	Dieldrin	N/D	mg/Kg	0.20	DC	05/14/2005	
SW 846 8270C	Endosulfan I	N/D	mg/Kg	0.20	DC	05/14/2005	
SW 846 8270C	Endosulfan II	N/D	mg/Kg	0.20	DC	05/14/2005	
SW 846 8270C	Endosulfan Sulfate	N/D	mg/Kg	0.20	DC	05/14/2005	
SW 846 8270C	Endrin	N/D	mg/Kg	0.20	DC	05/14/2005	
SW 846 8270C	Endrin Aldehyde	N/D	mg/Kg	0.20	DC	05/14/2005	
SW 846 8270C	Fluoranthene	N/D	mg/Kg	0.20	DC	05/14/2005	
SW 846 8270C	Fluorene	N/D	mg/Kg	0.20	DC	05/14/2005	
SW 846 8270C	Gamma BHC	N/D	mg/Kg	0.20	DC	05/14/2005	
SW 846 8270C	Gamma-chlordane	N/D	mg/Kg	0.20	DC	05/14/2005	
SW 846 8270C	Heptachlor	N/D	mg/Kg	0.20	DC	05/14/2005	
SW 846 8270C	Heptachlor Epoxide	N/D	mg/Kg	0.20	DC	05/14/2005	
SW 846 8270C	Hexachlorobenzene	N/D	mg/Kg	0.20	DC	05/14/2005	
SW 846 8270C	Indeno(1,2,3-cd)pyrene	N/D	mg/Kg	0.20	DC	05/14/2005	
SW 846 8270C	N-Nitrosodiphenylamine	N/D	mg/Kg	0.20	DC	05/14/2005	
SW 846 8270C	Pentachlorophenol	N/D	mg/Kg	0.20	DC	05/14/2005	
SW 846 8270C	Phenanthrene	N/D	mg/Kg	0.20	DC	05/14/2005	
SW 846 8270C	Pyrene	N/D	mg/Kg	0.20	DC	05/14/2005	

Charles Hindbaugh

Charles Hindbaugh
Quality Manager

[redacted]

DYNECOL, INC.
6520 GEORGIA STREET
DETROIT, MICHIGAN 48211
PHONE: (313) 571-7140
FAX: (313) 571-7190

Cooling Tower Sludge

WASTE APPROVAL FORM

Approval Number	164726		**Cust./Gen.Code:**	51	
Generator Name:	Double Eagle Steel Coating Co.				
Address:	Miller Rd				
City:	Dearborn	**State:**	MI	**Zip Code:**	48120
Contact Name:	Chris McBee				
Phone Number:	313-363-1902		**Fax Number:**	313-203-9705	
24 Hour Emergency #:					
EPA ID Number:	MID 981 092 190		**SIC Code:**		
Customer Name:	Same				
Customer Contact:					
Address:					
City:		**State:**		**Zip Code:**	
Phone Number:			**Fax Number:**		
24 Hour Emergency #:					

Waste Common Name: Cooling Tower Sludge

Specific Process Generating the waste:

Removal of sludge from the bottom of the cooling water tower. Cooling water tower at a steel galvanizing plant used to cool equipment & air conditioning units

COOLING TOWER SLUDGE

Constituent	Actual % of representative sample	Min. % of waste stream	Max. % of waste stream
COOLING TOWER SLUDGE	100	95	100
(dirt, sandpaper, metal hydroxides)			

A. Michigan Act 451 and EPA 40 CFR Information: (For the following, please use SW 846 test method for determination)

1. Is this a hazardous waste as defined by either R299.9212-9214 or 261 Subpart B,C, or D?

Check One: _____ YES ✓ NO

a) *IF YES,* please list all applicable waste codes:

b) *IF NO*, please list all applicable non-hazardous waste codes as defined by Michigan Act 451 Part 121:

2. Does this waste indicate a volatile organic concentration in excess of 500 ppm or the compounds listed in 40 CFR 265 Appendix VI?:

Check One: _____ YES ✓ NO

a) *IF YES*, please indicate constituents and concentrations:

3. Does the analysis indicate PCB's above the detection limit?

Check One: _____ YES ✓ NO

a) *IF YES,* does the waste contain PCB contamination from a source with a concentration greater than or equal to 50 ppm?

Check One: _____ YES _____ NO

COOLING TOWER SLUDGE

B. Benzene/NESHAP Information (For the following, please use SW 846 method 8020 and/or EPA 602 and/or 624 for determination)

1. Does the waste stream have a benzene concentration of 10 ppm or more?

   Check One: ____ YES ✓ NO

   IF YES, please indicate total benzene concentration of waste:

2. Does the waste stream contain greater than 10% water ?

   Check One: ✓ Yes ____ NO

3. Does the generator manage wastes from facilities with Total Annual Benzene (TAB) greater or equal to 10 mg/year?

   Check One: ____ Yes ✓ NO

   IF YES, please indicate TAB quantity for generator facility:

C. Land Disposal Restriction Information (For the following, please see 40 CFR part 268.2 for definitions)

1. Does the waste stream contain less than 1% by weight Total Organic Carbon (TOC) and less than 1% by weight Total Suspended Solids?

   Check One: ____ YES (wastewater) ✓ NO (Non-wastewater)

Color: Black/Brown		Phases
pH: 6 to 8		☒ Single Layer
☐ Liquid ☐ Sludge/Slurry ☒ Solid		☐ Double Layer
Odor: ☒ None ☐ Strong ☐ Mild		☐ Multi-Layer

A. Determination of shipping name as defined by 29 CFR 172.101:

1. Proper Shipping Name:	Non Hazardous ~~Liquid~~ SOLID				
2. Hazard Class: —	3. UN/NA Number: —				
4. Packing Group (Circle one):	I	II	III	None	
B. Shipping Container (Circle one)	Bulk	Drums	Pails	Totes	Roll Off / Other:
C. Waste Volume	1 x 55 gallon				
D. Shipping Frequency (Circle one)	Weekly	Monthly	Quarterly	Yearly	One Time Only

COUNT. - TONER SLUDGE

VII. Additional Section

Please list any additional comments concerning this waste stream below:

VIII. Generator Authorizations

A. Authorization to correct material profile sheet

I Christopher McGee (generator signature) hereby give authorization for Dynecol, Inc. to make corrections with oral authorization to establish consistency with the results of sample analysis and/or applicable federal and state regulations and the information on this profile. These changes WILL NOT include the addition or removal of waste codes and waste constituents which must have written authorization to be changed by the generator. I understand that Dynecol reserves the right to reject any material that does not conform to specifications described in profile.

B. Certification

I certify, under penalty of law, that I have personally examined, and am familiar with, the waste profiled through knowledge of the waste, and I believe the information submitted to be true, accurate, and complete.

CHRISTOPHER M. McGee	ENV. ENGINEER
Generator Name (Please print or type)	**Title**
Christopher McGee	8/11/05
Generator Signature	**Date**

IX. Revision Section

Please list any revisions made to form

Revision	Date of Revision	Generator Authorization

X. Approval Section

A. Approval Information

CMF WASTES:		PLANT WASTES:	
Primary outbound approval number		Plant treatment code	
Off-site management code		On-site management code:	

WAF Initiator signature:

Approved by: S. O'Mara Date: 8/31/2005

$90/DRUM

22345 Roethel Drive
Novi, MI 48375
248.344.1770
Fax 248.344.2654

Clayton
GROUP SERVICES

August 19, 2005

Christopher McBee
DOUBLE EAGLE STEEL COATING COMPANY
3000 Miller Road
Dearborn, MI 48120-

Clayton Work Order No. 05080419

Reference:

Dear Christopher McBee:

Clayton Group Services received 3 samples on 8/9/2005 for the analyses presented in the following report.

Enclosed is a copy of the Chain-of-Custody record, acknowledging receipt of these samples. Please note that any unused portion of the samples will be discarded 30 days after the date of this report, unless you have requested otherwise.

This material is confidential and is intended solely for the person to whom it is addressed. If this is received in error, please contact the number provided below.

We appreciate the opportunity to assist you. If you have any questions concerning this report, please contact a Client Services Representative at (800) 806-5887.

Sincerely,

Karen Coonan

Karen Coonan
Client Services Representative

cc:

CASE NARRATIVE

Date: *19-Aug-05*

CLIENT: DOUBLE EAGLE STEEL COATING COMPANY

Project:

Work Order No 05080419

All quality control results associated with this sample set were within acceptable limits and/or do not adversely affect the reported results, unless otherwise noted below.

Samples were received at the laboratory at an average temperature of 5.4 °C.

ANALYTICAL RESULTS

Date: *19-Aug-05*

CLIENT:	DOUBLE EAGLE STEEL COATING COMPANY	**Client Sample ID:**	COOLING TOWER SLUDGE
Work Order No:	05080419	**Tag Number:**	
Project:		**Collection Date:**	8/8/2005
Lab ID:	05080419-002A	**Matrix:**	SOLID

Analyses	Result	Reporting Limit	Qual	Units	DF	Date Analyzed	Analyst
SW-846 METHOD 1030							
Ignitability	negative	0		Positive/Neg	1	8/18/2005	HML
PCBS BY GC; METHOD EPA 8082							
Aroclor 1016	ND	330		µg/Kg	1	8/17/2005	BVP
Aroclor 1221	ND	330		µg/Kg	1	8/17/2005	BVP
Aroclor 1232	ND	330		µg/Kg	1	8/17/2005	BVP
Aroclor 1242	ND	330		µg/Kg	1	8/17/2005	BVP
Aroclor 1248	ND	330		µg/Kg	1	8/17/2005	BVP
Aroclor 1254	ND	330		µg/Kg	1	8/17/2005	BVP
Aroclor 1260	ND	330		µg/Kg	1	8/17/2005	BVP
PH, SOIL OR WASTE; METHOD EPA 9045C							
pH	6.3	1.0		pH Units	1	8/18/2005	HML
REACTIVE CYANIDE, EPA SW 846 CHAPTER 7.3.3.2							
Reactive Cyanide	ND	0.10		mg/Kg	1	8/19/2005	HML
REACTIVE SULFIDE; EPA SW 846 CHAPTER 7.3.4.2							
Reactive Sulfide	ND	100		mg/Kg	1	8/19/2005	HML

Qualifiers:

ND - Not Detected at the Reporting Limit (RL).
J - Analyte detected below the Reporting Limit
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
T - Tentatively Identified Compound (TIC)

ANALYTICAL RESULTS

Date: *19-Aug-05*

CLIENT:	DOUBLE EAGLE STEEL COATING COMPANY	**Client Sample ID:**	COOLING TOWER SLUDGE
Work Order No:	05080419	**Tag Number:**	
Project:		**Collection Date:**	8/8/2005
Lab ID:	05080419-002B	**Matrix:**	LEACHATE

Analyses	Result	Reporting Limit	Qual	Units	DF	Date Analyzed	Analyst
ICP METALS;LEACHATE: METHOD EPA 1311/6010B							
Arsenic	ND	0.10		mg/L	1	8/12/2005	DH
Barium	0.87	0.10		mg/L	1	8/12/2005	DH
Cadmium	ND	0.050		mg/L	1	8/12/2005	DH
Chromium	ND	0.10		mg/L	1	8/12/2005	DH
Lead	ND	0.10		mg/L	1	8/12/2005	DH
Selenium	ND	0.20		mg/L	1	8/12/2005	DH
Silver	ND	0.020		mg/L	1	8/12/2005	DH
MERCURY; LEACHED: METHOD EPA 1311/7470A							
Mercury	ND	0.0010		mg/L	1	8/12/2005	CAW

Qualifiers:

ND - Not Detected at the Reporting Limit (RL).
J - Analyte detected below the Reporting Limit
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
T - Tentatively Identified Compound (TIC)

DYNECOL, INC.
6520 GEORGIA STREET
DETROIT, MICHIGAN 48211
PHONE: (313) 571-7140
FAX: (313) 571-7190

WASTE APPROVAL FORM

I. General Information					
Approval Number	164377T		Cust./Gen.Code:	51	
Generator Name:	Double Eagle Steel Coating Co.				
Address:	3000 Miller Road				
City:	Dearborn	State:	MI	Zip Code:	48120
Contact Name:	Christopher McBee				
Phone Number:	313-203-9829		Fax Number:	313-203-9705	
24 Hour Emergency #:	313-363-1902 (cell)				
EPA ID Number:	MID981092190		SIC Code:		
Customer Name:	SAME				
Address:					
City:		State:		Zip Code:	
Phone Number:			Fax Number:		
24 Hour Emergency #:					

II. Waste Description
Waste Common Name: Unknown Tote Waste
Specific Process Generating the waste:
Unknown liquid inside a 300 gallon tote. Waste is believed to be an unused virgin cleaning product (detergent).

II. Waste Composition (Mass Equation)

Constituent	Actual % of representative sample	Min. % of waste stream	Max. % of waste stream
Soap, detergent, surfactant	50	30	70
water	50	30	80

III. Waste Characterization

A. Michigan Act 451 and EPA 40 CFR Information: (For the following, please use SW 846 test method for determination)

1. Is this a hazardous waste as defined by either R299.9212-9214 or 261 Subpart B,C, or D?

   Check One: ✓ **YES** ____ **NO**

   a) *IF YES,* please list all applicable waste codes:

   D027, D030, D032, D033, D034, D036, D038, D042

   b) *IF NO*, please list all applicable non-hazardous waste codes as defined by Michigan Act 451 Part 121:

2. Does this waste indicate a volatile organic concentration in excess of 500 ppm or the compounds listed in 40 CFR 265 Appendix VI?:

   Check One: ____ **YES** ✓ **NO**

   a) *IF YES*, please indicate constituents and concentrations:

3. Does the analysis indicate PCB's above the detection limit?

   Check One: ____ **YES** ✓ **NO**

   a) *IF YES,* does the waste contain PCB contamination from a source with a concentration greater than or equal to 50 ppm?

   Check One: ____ **YES** ____ **NO**

DYNECOL, INC. Waste Approval Form PAGE 2 of 4 Approval Number

III. Waste Characterization (continued)

B. Benzene/NESHAP Information (For the following, please use SW 846 method 8020 and/or EPA 602 and/or 624 for determination)

1. Does the waste stream have a benzene concentration of 10 ppm or more?

   Check One: _____ **YES** ✓ **NO**

   IF YES, please indicate total benzene concentration of waste:

2. Does the waste stream contain greater than 10% water ?

   Check One: ✓ **Yes** _____ **NO**

3. Does the generator manage wastes from facilities with Total Annual Benzene (TAB) greater or equal to 10 mg/year?

   Check One: _____ **Yes** ✓ **NO**

   IF YES, please indicate TAB quantity for generator facility:

C. Land Disposal Restriction Information (For the following, please see 40 CFR part 268.2 for definitions)

1. Does the waste stream contain less than 1% by weight Total Organic Carbon (TOC) and less than 1% by weight Total Suspended Solids?

   Check One: _____ **YES** (wastewater) ✓ **NO** (Non-wastewater)

IV. General Characteristics (attach degree, pithiness or reuse specifier)

Color	clear - yellow	Phases
pH	6.95	☑ Single Layer
☑ Liquid ☐ Sludge/Slurry ☐ Solid		☐ Double Layer
☑ None ☐ Strong ☐ Mild		☐ Multi-Layer

V. Shipping Information

A. Determination of shipping name as defined by 29 CFR 172.101:

1. Proper Shipping Name:	RQ, Hazardous waste liquid, N.O.S. (Nitrobenzene, 2,4,6-Trichlorophenol)				
2. Hazard Class: 9	3. UN/NA Number: NA 3082				
4. Packing Group (Circle one):	I	II	III	None	
B. Shipping Container (Circle one)	Bulk	Drums	Pails	Totes	Roll Off	Other:
C. Waste Volume	1				
D. Shipping Frequency (Circle one)	Weekly	Monthly	Quarterly	Yearly	One Time Only

DYNECOL, INC. Waste Approval Form PAGE 4 Approval Number:

VII. Comment Section

Please list any additional comments concerning this waste stream below:

- There are no pesticides or herbicides used on-site.
- Codes for semi-volatiles were added only because detection limits were higher than the regulatory limits

VIII. Generator Authorizations

A. Authorization to correct material profile sheet

I C. McBee (generator signature) hereby give authorization for Dynecol, Inc. to make corrections with oral authorization to establish consistancy with the results of sample analysis and/or applicable federal and state regulations and the information on this profile. These changes WILL NOT include the addition or removal of waste codes and waste constituents which must have written authorization to be changed by the generator. I understand that Dynecol reserves the right to reject any material that does not conform to specifications described in profile.

B. Certification

I certify, under penalty of law, that I have personally examined, and am familiar with, the waste profiled through knowledge of the waste, and I believe the information submitted to be true, accurate, and complete.

Christopher McBee	Environmental Engineer
Generator Name (Please print or type)	**Title**
Christopher McBee	6/28/05
Generator Signature	**Date**

IX. Revision Section

Please list any revisions made to form

Revision	Date of Revision	Generator Authorization

X. Dynecol Use only

A. Approval Information

CMF WASTES:		**PLANT WASTES:**	
Primary outbound approval number	Code A	Plant treatment code	
Off-site management code		On-site management code:	

WAF Initiator signature:	Olivia Hornsby		
Approved by:	S. O'Mara	Date:	7/13/2005

$400/tote

DYNECOL
MID 074259565

DYNECOL, INC.

(313) 571-7141

CERTIFICATION FORM

(Submit with waste approval package)

UNDERLYING CONSTITUENTS/VOLATILE ORGANIC COMPOUNDS (VOC)

APPROVAL NUMBER: 164377T **EPA ID NUMBER:** MID 981 092 190

GENERATOR NAME: Double Eagle Steel Coating Co.

EPA HAZARDOUS WASTE NUMBERS:

D027, D030, D032, D033, D034, D036, D038, D042

MANIFEST NUMBER (IF APPLICABLE): _____

PLEASE PLACE A CHECK MARK IN THE APPROPRIATE BOX:

- [ ] THIS WASTE IS NOT PROHIBITED FROM LAND DISPOSAL. (NOTE – ADDITIONAL CERTIFICATIONS MAY BE REQUIRED)
- [x] THIS WASTE IS PROHIBITED FROM LAND DISPOSAL.
- [ ] THE WASTE DOES NOT CONTAIN UNDERLYING HAZARDOUS CONSTITUENTS LISTED IN 40 CFR 268.48 TABLE UTS-UNIVERSAL TREATMENT STANDARDS (EXCLUDING FLUORIDE, VANADIUM AND/OR ZINC).
- [x] THE WASTE DOES CONTAIN UNDERLYING HAZARDOUS CONSTITUENTS LISTED IN 40 CFR 268.48 TABLE UTS-UNIVERSAL TREATMENT STANDARDS (EXCLUDING FLUORIDE, VANADIUM AND/OR ZINC).
- [x] THE WASTE DOES NOT CONTAIN VOLATILE ORGANIC COMPOUNDS GREATER THAN 500 PPM.
- [ ] THE WASTE DOES CONTAIN VOLATILE ORGANIC COMPOUNDS GREATER THAN 500 PPM.

NOTE: ADDITIONAL INFORMATION AS REQUIRED PER 40 CFR 268.7 GENERAL PAPERWORK REQUIREMENTS TABLE CAN BE FOUND IN THE ATTACHED DYNECOL WASTE APPROVAL FORM.

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE WASTE THROUGH ANALYSIS AND TESTING OR THROUGH KNOWLEDGE OF THE WASTE, AND BELIEVE THAT THE INFORMATION I SUBMITTED IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING A FALSE CERTIFICATION, INCLUDING A POSSIBILITY OF A FINE AND/OR IMPRISONMENT.

Christopher McBee	CHRISTOPHER McBee	6/28/05
AUTHORIZED SIGNATURE	PRINTED NAME	DATE

Midwest Analytical Services, Inc.

"Where industry comes for answers."

2905 Hilton Rd
Ferndale, MI 48220

Phone: (248) 591-6660
MI Only: (888) 801-4MAS
Fax No: (248) 591-6668

All test reports include a chain of custody and a cover sheet.

Dynecol, Inc.
6250 Georgia St
Detroit, MI 48211-1594

Test Report
Order ID: 0506019
MAS Sample #: 050602005
Date Completed: 6/9/2005
PO Number: 17967

Project ID: Double Eagle Steel Coating

Sample Identification: 164377 Unknown Waste

Physical Description: Liquid

Sample Date/Time: 6/1/2005

Method Number	Parameter	Result	Units	EQL	Regulatory Limit	Analyst	Date Analyzed	Data Flag
SW 846 9040B	pH	6.95	units	2.0	12.5	SS	6/8/2005	
	TCLP Semi Volatiles:							
SW 846 8270C	1,4-Dichlorobenzene	N/D	mg/L	10	7.5	DC	6/7/2005	
SW 846 8270C	2,4-Dinitrotoluene	N/D	mg/L	0.65	0.13	DC	6/7/2005	
SW 846 8270C	Hexachlorobenzene	N/D	mg/L	0.65	0.13	DC	6/7/2005	
SW 846 8270C	Hexachlorobutadiene	N/D	mg/L	0.65	0.5	DC	6/7/2005	
SW 846 8270C	Hexachloroethane	N/D	mg/L	10	3	DC	6/7/2005	
SW 846 8270C	Nitrobenzene	N/D	mg/L	10	2	DC	6/7/2005	
SW 846 8270C	Pyridine	N/D	mg/L	10	5	DC	6/7/2005	
SW 846 8270C	Total Cresol	N/D	mg/L	50	200	DC	6/7/2005	
SW 846 8270C	Pentachlorophenol	N/D	mg/L	15	100	DC	6/7/2005	
SW 846 8270C	2,4,5-Trichlorophenol	N/D	mg/L	10	400	DC	6/7/2005	
SW 846 8270C	2,4,6-Trichlorophenol	N/D	mg/L	10	2	DC	6/7/2005	
	TCLP Volatiles:							
	TCLP Volatiles:							SH
SW 846 8260B	Benzene	N/D	mg/L	0.10	0.5	DB	6/7/2005	
SW 846 8260B	Carbon Tetrachloride	N/D	mg/L	0.10	0.5	DB	6/7/2005	
SW 846 8260B	Chlorobenzene	N/D	mg/L	0.10	100	DB	6/7/2005	
SW 846 8260B	Chloroform	N/D	mg/L	0.10	6	DB	6/7/2005	
SW 846 8260B	1,2-Dichloroethane	N/D	mg/L	0.10	0.5	DB	6/7/2005	
SW 846 8260B	1,1-Dichloroethene	N/D	mg/L	0.10	0.5	DB	6/7/2005	
SW 846 8260B	Methyl Ethyl Ketone	N/D	mg/L	1.0	200	DB	6/7/2005	
SW 846 8260B	Tetrachloroethene	N/D	mg/L	0.10	0.7	DB	6/7/2005	
SW 846 8260B	Trichloroethene	N/D	mg/L	0.10	0.5	DB	6/7/2005	
SW 846 8260B	Vinyl Chloride	N/D	mg/L	0.10	0.2	DB	6/7/2005	

pH measured at 27° C.

Charles Hindbaugh

Charles Hindbaugh
Quality Manager

22345 Roethel Drive
Novi, MI 48375
248.344.1770
Fax 248.344.2654

Clayton
GROUP SERVICES

May 20, 2005

Christopher McBee
DOUBLE EAGLE STEEL COATING COMPANY
3000 Miller Road
Dearborn, MI 48120-

Clayton Work Order No. 05050412

Reference:

Dear Christopher McBee:

Clayton Group Services received 3 samples on 5/11/2005 for the analyses presented in the following report.

Enclosed is a copy of the Chain-of-Custody record, acknowledging receipt of these samples. Please note that any unused portion of the samples will be discarded 30 days after the date of this report, unless you have requested otherwise.

This material is confidential and is intended solely for the person to whom it is addressed. If this is received in error, please contact the number provided below.

We appreciate the opportunity to assist you. If you have any questions concerning this report, please contact a Client Services Representative at (800) 806-5887.

Sincerely,

Karen Coonan

Karen Coonan
Client Services Representative

cc:

CASE NARRATIVE

Date: *20-May-05*

CLIENT: DOUBLE EAGLE STEEL COATING COMPANY

Project:

Work Order No 05050412

Unless otherwise noted below, all quality control results associated with this sample set were within acceptable limits and/or do not adversely affect the reported results.

Total Organic Halogen analysis was subcontracted to Lancaster Laboratories, Lancaster, PA. The analytical method used was SW-846 9023.

Sample -003 (DE 05008): The matrix was organic-based. The sample did not mix with water. Therefore, because of the matrix, the laboratory was unable to do Reactive Cyanide, Reactive Sulfide, TCLP Semi-Volatiles and pH. (The pH was attempted three times but did not get consistent readings.)

ANALYTICAL RESULTS

Date: *20-May-05*

CLIENT: DOUBLE EAGLE STEEL COATING COMPANY

Client Sample ID: UNKNOWN DETERGENT DE05008

Work Order No: 05050412

Tag Number:

Project:

Collection Date: 5/9/2005

Lab ID: 05050412-003A

Matrix: WASTE

Analyses	Result	Reporting Limit	Qual	Units	DF	Date Analyzed	Analyst
IGNITABILITY; METHOD EPA 1010							
Ignitability	>200	0		°F	1	5/13/2005	CLH
PCBS BY GC; METHODS EPA 600/8082							
Aroclor 1016	ND	2.0		mg/Kg	1	5/18/2005	BVP
Aroclor 1221	ND	2.0		mg/Kg	1	5/18/2005	BVP
Aroclor 1232	ND	2.0		mg/Kg	1	5/18/2005	BVP
Aroclor 1242	ND	2.0		mg/Kg	1	5/18/2005	BVP
Aroclor 1248	ND	2.0		mg/Kg	1	5/18/2005	BVP
Aroclor 1254	ND	2.0		mg/Kg	1	5/18/2005	BVP
Aroclor 1260	ND	2.0		mg/Kg	1	5/18/2005	BVP

Qualifiers:

ND - Not Detected at the Reporting Limit (RL)
J - Analyte detected below the Reporting Limit
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
T - Tentatively Identified Compound (TIC)

ANALYTICAL RESULTS

Date: *20-May-05*

CLIENT: DOUBLE EAGLE STEEL COATING COMPANY

Client Sample ID: UNKNOWN (DETERGENT?) DE05008

Work Order No: 05050412

Tag Number:

Project:

Collection Date: 5/9/2005

Lab ID: 05050412-003B

Matrix: LEACHATE

Analyses	Result	Reporting Limit	Qual	Units	DF	Date Analyzed	Analyst
ICP METALS;LEACHATE: METHOD EPA 1311/6010B							
Arsenic	ND	1.0		mg/L	1	5/17/2005	CAW
Barium	ND	1.0		mg/L	1	5/17/2005	CAW
Cadmium	ND	0.50		mg/L	1	5/17/2005	CAW
Chromium	ND	1.0		mg/L	1	5/17/2005	CAW
Lead	ND	1.0		mg/L	1	5/17/2005	CAW
Selenium	ND	2.0		mg/L	1	5/17/2005	CAW
Silver	ND	0.20		mg/L	1	5/17/2005	CAW
MERCURY; LEACHED: METHOD EPA 1311/7470A							
Mercury	ND	0.010		mg/L	1	5/18/2005	CAW
GC/MS TCLP VOLATILES; METHOD EPA 1311/8260B							
Benzene	ND	0.17		mg/L	166	5/19/2005 12:09:00 PM	DRS
2-Butanone	ND	3.3		mg/L	166	5/19/2005 12:09:00 PM	DRS
Carbon tetrachloride	ND	0.17		mg/L	166	5/19/2005 12:09:00 PM	DRS
Chlorobenzene	ND	0.17		mg/L	166	5/19/2005 12:09:00 PM	DRS
Chloroform	ND	0.17		mg/L	166	5/19/2005 12:09:00 PM	DRS
1,2-Dichloroethane	ND	0.17		mg/L	166	5/19/2005 12:09:00 PM	DRS
1,1-Dichloroethene	ND	0.17		mg/L	166	5/19/2005 12:09:00 PM	DRS
Tetrachloroethene	ND	0.17		mg/L	166	5/19/2005 12:09:00 PM	DRS
Trichloroethene	ND	0.17		mg/L	166	5/19/2005 12:09:00 PM	DRS
Vinyl chloride	ND	0.17		mg/L	166	5/19/2005 12:09:00 PM	DRS

Qualifiers:

ND - Not Detected at the Reporting Limit (RL).
J - Analyte detected below the Reporting Limit
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
T - Tentatively Identified Compound (TIC)

Clayton GROUP SERVICES

REQUEST FOR LABORATORY ANALYTICAL SERVICES

IMPORTANT
Date Results Requested: ____
Rush Charges Authorized? ☐ Yes ☐ No
☐ Fax or ☐ E-mail Results
E-mail address: ____

P. ____ of ____

For Clayton Use Only
Clayton Lab Project No.
05050442

REPORT RESULTS TO
Name: CHRIS McBee
Company: DOUBLE EAGLE
Mailing Address: 3000 MILLER Rd
City, State, Zip: Dearborn, MI 48120
Telephone No.: 313 203 9705 FAX No.:
Client Job No.:
Dept.:

SEND INVOICE TO
Purchase Order No.:
Name:
Company: Dept.:
Address:
City, State, Zip:

Special instructions and/or specific regulatory requirements:
(method, limit of detection, etc.)

* Explanation of Preservative

Samples are:
(check if applicable)
☐ Drinking Water
☐ Groundwater
☐ Wastewater

ANALYSIS REQUESTED
(Enter an 'X' in the box below to indicate request. Enter a 'P' if Preservative added.*)

CLIENT SAMPLE IDENTIFICATION	DATE SAMPLED	TIME SAMPLED	MATRIX/ MEDIA	AIR VOLUME (specify units)	Number of Containers	TOTAL PCB	TOX	RCI	TCLP M (8)	TCLP VOC	TCLP SVOC					FOR LAB USE ONLY
USED OIL - DE05006	5/9					X	X									
USED OIL - DE05007	5/9					X	X					cancelled PCB - in plastic container; will re sample 5/11/05				
~~USED~~																
UNKNOWN DETERGENT ? DE05008	5/9					X		X	X	X	X					

CHAIN OF CUSTODY
Collected by: CHRISTOPHER McBee (print)
Collector's Signature:
Relinquished by: C. McBee C. McBee Date/Time 5/11/05 9:00
Received by: Alan S. Cotti Date/Time 5/11/5 9:00AM
Relinquished by: Date/Time
Received by: Date/Time
Method of Shipment:
Received at Lab by: Dan Date/Time 5/11
Authorized by: Christopher McBee (Client Signature MUST Accompany Request) Date 5/11/05
Sample Condition Upon Receipt: ☑ Acceptable ☐ Other (explain)
1024

10.9
13.5
12.8

Please return completed form and samples to one of the Clayton Group Services, Inc. labs listed below:

Detroit Regional Lab
22345 Roethel Drive
Novi, MI 48375
(800) 806-5887
(248) 344-1770
FAX (248) 344-2655

Atlanta Regional Lab
3380 Chastain Meadows Parkway, Suite 300
Kennesaw, GA 30144
(800) 252-9919
(770) 499-7500
FAX (770) 423-4990

Seattle Regional Lab
4636 E. Marginal Way S., Suite 215
Seattle, WA 98134
(800) 568-7755
(206) 763-7364
FAX (206) 763-4189

DISTRIBUTION:
White = Clayton Laboratory
Yellow = Clayton Accounting
Pink = Client Copy

9/97 20K

DYNECOL, INC.
6520 GEORGIA STREET
DETROIT, MICHIGAN 48211
PHONE: (313) 571-7140
FAX: (313) 571-7190

WASTE APPROVAL FORM

I. General Information					
Approval Number	16573 KB		**Cust./Gen.Code:**	51	
Generator Name:	Double Eagle Steel Coating Company				
Address:	3000 Miller Road				
City:	Dearborn	**State:**	MI	**48120**	48120
Contact Name:	Chris McBee				
Phone Number:	313-363-1902		**Fax Number:**	313-203-9705	
24 Hour Emergency #:					
EPA ID Number:	MID 981 092 190		**SIC Code:**		
Customer Name:	SAME				
Customer Contact:					
Address:					
City:		**State:**		**Zip Code:**	
Phone Number:			**Fax Number:**		
24 Hour Emergency #:					

II. Waste Description	
Waste Common Name:	Ink
Specific Process Generating the waste:	
Old, unused virgin product for disposal.	

DYNECOL, INC. Waste Approval Form PAGE 2 Approval Number

II. Waste Composition (Must equal 100%)

Constituent	Actual % of representative sample	Min. % of waste stream	Max. % of waste stream
n-propanol	100%		

III. Waste Characterization

A. Michigan Act 451 and EPA 40 CFR Information: (For the following, please use SW 846 test method for determination)

1. Is this a hazardous waste as defined by either R299.9212-9214 or 261 Subpart B,C, or D?

   Check One: __X___ **YES** _____ **NO**

   a) *IF YES,* please list all applicable waste codes:

   D001

   b) *IF NO*, please list all applicable non-hazardous waste codes as defined by Michigan Act 451 Part 121:

2. Does this waste indicate a volatile organic concentration in excess of 500 ppm or the compounds listed in 40 CFR 265 Appendix VI?:

   Check One: X **YES** ___ **NO**

   a) *IF YES*, please indicate constituents and concentrations:

3. Does the analysis indicate PCB's above the detection limit?

   Check One: _____ **YES** __X___ **NO**

   a) IF YES, does the waste contain PCB contamination from a source with a concentration greater than or equal to 50 ppm?

   Check One: _____ **YES** _____ **NO**

DYNECOL, INC. Waste Approval Form PAGE 3 of 5 Approval Number

III. Waste Characterization (continued)

B. Benzene/NESHAP Information (For the following, please use SW 846 method 8020 and/or EPA 602 and/or 624 for determination)

1. Does the waste stream have a benzene concentration of 10 ppm or more?

   Check One: _____ **YES** __X__ **NO**

   IF YES, please indicate total benzene concentration of waste:

2. Does the waste stream contain greater than 10% water ?

   Check One: _____ **Yes** __X__ **NO**

3. Does the generator manage wastes from facilities with Total Annual Benzene (TAB) greater or equal to 10 mg/year?

   Check One: _____ **Yes** __X__ **NO**

   IF YES, please indicate TAB quantity for generator facility:

C. Land Disposal Restriction Information (For the following, please see 40 CFR part 268.2 for definitions)

1. Does the waste stream contain less than 1% by weight Total Organic Carbon (TOC) and less than 1% by weight Total Suspended Solids?

   Check One: _____ **YES** (wastewater) __X__ **NO** (Non-wastewater)

IV. General Characteristics (at 70 degrees F unless otherwise specified)

Color	Varies		Phases
pH	4 to 8		■ Single Layer
■ Liquid	☐ Sludge/Slurry	☐ Solid	☐ Double Layer
Odor: Alcohol			☐ Multi-Layer
☐ None	☐ Strong	■ Mild	

V. Shipping Information

A. Determination of shipping name as defined by 29 CFR 172.101:

1. Proper Shipping Name:	RQ, Waste Flammable Liquid, NOS (n-propanol)				
2. Hazard Class: 3	3. UN/NA Number: UN1210				
4. Packing Group (Circle one):	I	II	III	None	
B. Shipping Container (Circle one)	Bulk	Drums	Pails	Totes	Roll Off	Other:
C. Waste Volume	1				
D. Shipping Frequency (Circle one)	Weekly	Monthly	Quarterly	Yearly	One Time Only

DYNECOL INC. Waste Approval Form - PAGE 6 Approval Numbers

VII. Comments Section

Please list any additional comments concerning this waste stream below:

VIII. General Authorizations

A. Authorization to correct material profile sheet

I Christopher McGee (generator signature) hereby give authorization for Dynecol, Inc. to make corrections with oral authorization to establish consistency with the results of sample analysis and/or applicable federal and state regulations and the information on this profile. These changes WILL NOT include the addition or removal of waste codes and waste constituents which must have written authorization to be changed by the generator. I understand that Dynecol reserves the right to reject any material that does not conform to specifications described in profile.

B. Certification

I certify, under penalty of law, that I have personally examined, and am familiar with, the waste profiled through knowledge of the waste, and I believe the information submitted to be true, accurate, and complete.

CHRISTOPHER McGee	ENVIRONMENTAL ENGINEER
Generator Name (Please print or type)	**Title**
Christopher McGee	3/27/06
Generator Signature	**Date**

IX. Revision Section

Please list any revisions made to form		
Revision	**Date of Revision**	**Generator Authorization**

X. Approval Section

A. Approval Information			
CMF WASTES:		**PLANT WASTES:**	
Primary outbound approval number	0512	Plant treatment code	
Off-site management code		On-site management code:	

Approver signature:

DYNECOL
MID 074259565

DYNECOL, INC
(313) 571-714

CERTIFICATION FORM

(Submit with waste approval package)

UNDERLYING CONSTITUENTS/VOLATILE ORGANIC COMPOUNDS (VOC)

APPROVAL NUMBER: 165731B **EPA ID NUMBER:** MTD 981 092 190

GENERATOR NAME: Double Eagle

EPA HAZARDOUS WASTE NUMBERS:

D001

MANIFEST NUMBER (IF APPLICABLE): —

PLEASE PLACE A CHECK MARK IN THE APPROPRIATE BOX:

- [ ] THIS WASTE IS NOT PROHIBITED FROM LAND DISPOSAL. (NOTE – ADDITIONAL CERTIFICATIONS MAY BE REQUIRED)
- [x] THIS WASTE IS PROHIBITED FROM LAND DISPOSAL.
- [x] THE WASTE DOES NOT CONTAIN UNDERLYING HAZARDOUS CONSTITUENTS LISTED IN 40 CFR 268.48 TABLE UTS-UNIVERSAL TREATMENT STANDARDS (EXCLUDING FLUORIDE, VANADIUM AND/OR ZINC).
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- [ ] THE WASTE DOES NOT CONTAIN VOLATILE ORGANIC COMPOUNDS GREATER THAN 500 PPM.
- [x] THE WASTE DOES CONTAIN VOLATILE ORGANIC COMPOUNDS GREATER THAN 500 PPM.

NOTE: ADDITIONAL INFORMATION AS REQUIRED PER 40 CFR 268.7 GENERAL PAPERWORK REQUIREMENTS TABLE CAN BE FOUND IN THE ATTACHED DYNECOL WASTE APPROVAL FORM.

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE WASTE THROUGH ANALYSIS AND TESTING OR THROUGH KNOWLEDGE OF THE WASTE, AND BELIEVE THAT THE INFORMATION I SUBMITTED IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING A FALSE CERTIFICATION, INCLUDING A POSSIBILITY OF A FINE AND/OR IMPRISONMENT.

AUTHORIZED SIGNATURE	PRINTED NAME	DATE
Christopher McBee	CHRISTOPHER McBEE	3/27/06

MATERIAL SAFETY DATA SHEET

MSDS ID#: 100124

Date Prepared: September 29, 1997
Revision: February 7, 2006

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: DPI-111, DPI-112, DPI-113, DPI-114, DPI-115, DPI-116 (SB) INK **Product Code:** I0415
Colors Covered: Black, Blue, Green, Red, Yellow, SP Green
Supplier Name: Matthews International Corporation **Address:** 101 Fairview Avenue
City: Pittsburgh **State/Zip:** Pennsylvania, USA, 15238
Phone: (412)665-2500 **Fax:** (412)365-2341 **24 Hour Emergency Phone:** (412)456-7499

2. COMPOSITION/INFORMATION ON INGREDIENTS

[ ] Substance [X] Mixture

Hazardous Components	Percent	CAS No.	TLV	Carcinogen	R-Phrase	S-Phrases
n-Propanol	100	71-23-8	200 ppm	No	11,41,67	7,16, 24, 26, 39

3. HAZARDS IDENTIFICATION

Most Important Hazards: Flammable liquid and vapor.
Main Symptoms of Overexposure: Causes eye irritation. High vapor concentrations may cause drowsiness and irritation of the eyes and respiratory tract. HMIS H-1, F-3, R-0

4. FIRST AID MEASURES

Inhalation: If symptomatic, move to fresh air. Get medical attention if symptoms persist.
Skin Contact: Wash with soap and water. Get medical attention if symptoms persist.
Eye Contact: Immediately flush with plenty of water for at least 15 minutes. Get medical attention.
Ingestion: Call a physician or poison control center immediately. Induce vomiting as directed by medical personnel. Never give anything by mouth to an unconscious person.

5. FIRE-FIGHTING MEASURES

Extinguishing media: Water spray, dry chemical, carbon dioxide, alcohol foam.

Specific Hazards: Flammable. Vapors may cause a flash fire or ignite explosively. Vapors may travel a considerable distance to a source of ignition and flash back. Prevent buildup of vapors to explosive concentrations.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions: Eliminate all ignition sources.

Environmental precautions: Prevent runoff from entering drains, sewers or streams.

Methods of cleaning up: Absorb spill with vermiculite or other inert material, then place in a container for chemical waste. Large spill: Use water spray to disperse vapors and dilute spill to nonflammable mixture. Collect and dispose of as hazardous waste.

7. HANDLING AND STORAGE

Handling-Precautions: Avoid contact with eyes. Wash thoroughly after handling.

Safe handling Advice: Flammable liquid. Keep away from heat, sparks and open flames.

Storage-Conditions: Keep container closed. Use with adequate ventilation.

Incompatible Products: Keep from contact with oxidizing materials.

MSDS ID#: 100124

Date Prepared: September 29, 1997
Revision: February 7, 2006
Product Code: I0415

Product Name: DPI-111, DPI-112, DPI-113, DPI-114, DPI-115, DPI-116 (SB) INK

8. EXPOSURE CONTROL/PERSONAL PROTECTION

Engineering Measures: Good general ventilation (10 air changes/hour) should be used. Use local exhaust ventilation or other engineering controls to maintain airborne levels below recommended exposure limits.
Personal Protective Equipment: Eliminate all ignition sources.
Respiratory Protection: If engineering controls do not maintain concentrations below recommended exposure limits, an approved respirator should be worn.
Hand Protection: Where prolonged or repeated skin contact occurs, impervious gloves should be worn. Type: Nitrile.
Eye Protection: Wear safety glasses with side shields (or goggles)
Skin and Body Protection: Recommended decontamination facilities: eye bath, safety shower, washing facilities.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Liquid
Flashpoint: 23° C (73° F)
Density: 0.810-0.813
Vapor Density: 2.1 *(for n-Propanol)*
Boiling Point: 97° C (207° F)
V.O.C.: 780-787 g/l
Color: Various
Autoignition temperature: N/A
Vapor Pressure: 14.5 mm Hg *(for n-Propanol)*
Solubility in Water: complete
Freezing Point: -127° C (-197° F) *(for n-Propanol)*
Evaporation rate(Butyl Acetate=1): 0.89 *(for n-Propanol)*
Odor: Alcohol
pH: N/A

10. STABILITY AND REACTIVITY

Stable: Yes **Conditions to avoid:** Avoid heat, sparks, and open flames.
Materials to avoid: Material can react violently with strong oxidizing agents.
Hazardous decomposition products: Carbon dioxide, carbon monoxide.

11. TOXICOLOGICAL INFORMATION

Acute toxicity: Oral LD50 (rat) - 1.87-6.5 g/kg; Oral LD50 (mouse)- 4.5 g/kg; Inhalation LC50 (rat)- >20,000 ppm/hr.; Dermal LD50 (rabbit)- 4.0g/kg (for n-Propanol)
Chronic Toxicity: Repeated skin application (rabbit)- slight irritation; Eye irritation (rabbit)- moderate. Oral Study (4 days, rat)- no observed effect level: 2160 mg/kg/day; Inhalation Study (95 hours, mouse): No observed effect level: 7874 ppm (for n-Propanol)
Sensitization: No **Specific Effects:** None

12. ECOLOGICAL INFORMATION

Possible Environmental Effects: High biochemical oxygen demand and a potential to cause oxygen depletion in aqueous systems, a low potential to affect aquatic organisms, a low potential to affect secondary waste treatment microbial metabolism. This product is expected to biodegrade and is not expected to persist for long periods in aquatic environment. When diluted with a large amount of water, this material is not expected to have a significant impact. ThOD: 1.8 g oxygen/g; BOD-5: 1.43-1.6 g oxygen/g; *(for n-Propanol)*

13. DISPOSAL CONSIDERATIONS

Waste Disposal: Dispose of in accordance with all local, state and federal regulations.

14. TRANSPORT INFORMATION

Land: (DOT)- regulated, Flammable liquid, Class 3, packing group III, Proper shipping name: Printing Ink UN 1210
Inland Waterways: (ADR)- N/A
Sea: (IMDG)- regulated, Flammable liquid, Class 3, packing group III, Proper shipping name: Printing Ink UN 1210
Air: (ICAO)- regulated, Flammable liquid, Class 3, packing group III, Proper shipping name: Printing Ink UN 1210

15. REGULATORY INFORMATION

Hazard and Safety Information: CA Prop 65- none; PA hazardous substance list- n-Propanol; WHMIS (Canada) - n-Propanol, controlled, Classification- B/2, D/2/B; IARC, NTP- not listed; SARA 313- none; SARA 311,312- fire hazard, acute health hazard; TSCA- listed; EINECS-listed #200-746-9 ; R11- Highly flammable, R41- Risk of serious damage to eyes, R67- Vapors may cause drowsiness and dizziness; S7- Keep container tightly closed, S16- Keep away from sources of ignition - No smoking, S24- Avoid contact with the skin, S26- In case of contact with eyes, rinse immediately with plenty of water and seek medical advice, S39- Wear eye/face protection *(for n-Propanol)*
Ozone Depleting Chemicals Present: None

16. OTHER INFORMATION

Containers of this material may be hazardous when emptied, all hazard precautions given in the data sheet must be observed. The information contained herein is based upon what we believe to be reliable data. However, we make no warranty or guarantees, expressed or implied, concerning the accuracy of such information and disclaim all liability from reliance thereon. You should evaluate the information through your own sources prior to use.
Reference ISO 11014-1

DYNECOL, INC.
6520 GEORGIA STREET
DETROIT, MICHIGAN 48211
PHONE: (313) 571-7140
FAX: (313) 571-7190

WASTE APPROVAL FORM

General Information					
Approval Number	165442		**Cust./Gen.Code:**	51	
Generator Name:	DOUBLE EAGLE STEEL COATING				
Address:	3000 MILLER ROAD				
City:	DEARBORN	**State:**	MI	**Zip Code:**	48120
Contact Name:	CHRIS MCBEE				
Phone Number:	313-203-9829		**Fax Number:**		
24 Hour Emergency #:					
EPA ID Number:	MID981092190		**SIC Code:**		
Customer Name:	SAME AS ABOVE				
Customer Contact:					
Address:					
City:		**State:**		**Zip Code:**	
Phone Number:	313-363-1902 cell		**Fax Number:**		
24 Hour Emergency #:					

II. Waste Description	
Waste Common Name:	LABPACKS
Specific Process Generating the waste:	
OBSOLETE/ DISCARDED VIRGIN AND USED LAB CHEMICALS FOR DISPOSAL.	

DYNECOL, INC. Waste Approval Form PAGE 2 Approval Number

III. Waste Composition (Must equal 100%)

Constituent	Actual % of representative sample	Min. % of waste stream	Max. % of waste stream
	SEE SHIPPERS		

III. Waste Characterization

A. Michigan Act 451 and EPA 40 CFR Information: (For the following, please use SW 846 test method for determination)

1. Is this a hazardous waste as defined by either R299.9212-9214 or 261 Subpart B,C, or D?

   Check One: _____ **YES** _____ **NO**

   a) *IF YES,* please list all applicable waste codes:

   b) *IF NO*, please list all applicable non-hazardous waste codes as defined by Michigan Act 451 Part 121:

2. Does this waste indicate a volatile organic concentration in excess of 500 ppm or the compounds listed in 40 CFR 265 Appendix VI?:

   Check One: _____ **YES** _____ **NO**

   a) *IF YES*, please indicate constituents and concentrations:

3. Does the analysis indicate PCB's above the detection limit?

   Check One: _____ **YES** _____ **NO**

   a) IF YES, does the waste contain PCB contamination from a source with a concentration greater than or equal to 50 ppm?

   Check One: _____ **YES** _____ **NO**

DYNECOL, INC. Waste Approval Form PAGE 3 Approval Number:

III. Waste Characterization (continued)

B. Benzene/NESHAP Information (For the following, please use SW 846 method 8020 and/or EPA 602 and/or 624 for determination)

1. Does the waste stream have a benzene concentration of 10 ppm or more?

   Check One: _____ **YES** _____ **NO**

   IF YES, please indicate total benzene concentration of waste:

2. Does the waste stream contain greater than 10% water ?

   Check One: _____ **Yes** _____ **NO**

3. Does the generator manage wastes from facilities with Total Annual Benzene (TAB) greater or equal to 10 mg/year?

   Check One: _____ **Yes** _____ **NO**

   IF YES, please indicate TAB quantity for generator facility:

C. Land Disposal Restriction Information (For the following, please see 40 CFR part 268.2 for definitions)

1. Does the waste stream contain less than 1% by weight Total Organic Carbon (TOC) and less than 1% by weight Total Suspended Solids?

   Check One: _____ **YES** (wastewater) _____ **NO** (Non-wastewater)

IV. General Characteristics (at 70 degrees F unless otherwise specified)

Color	SEE SHIPPERS		Phases
pH			☐ Single Layer
☐ Liquid	☐ Sludge/Slurry	☐ Solid	☐ Double Layer
Odor:			☐ Multi-Layer
☐ None	☐ Strong	☐ Mild	

V. Shipping Information

A. Determination of shipping name as defined by 29 CFR 172.101:

1. Proper Shipping Name:	SEE SHIPPERS				
2. Hazard Class:	3. UN/NA Number:				
4. Packing Group (Circle one):	I	II		III	None
B. Shipping Container (Circle one)	Bulk	Drums	Pails	Totes	Roll Off	Other:
C. Waste Volume					
D. Shipping Frequency (Circle one)	Weekly	Monthly	Quarterly	Yearly	One Time Only

DYNECOL, INC. Waste Approval Form PAGE 4 Approval Number

VII. Comment Section

Please list any additional comments concerning this waste stream below:

VIII. Generator Authorizations

A. Authorization to correct material profile sheet

I Christopher McBee (generator signature) hereby give authorization for Dynecol, Inc. to make corrections with oral authorization to establish consistency with the results of sample analysis and/or applicable federal and state regulations and the information on this profile. These changes WILL NOT include the addition or removal of waste codes and waste constituents which must have written authorization to be changed by the generator. I understand that Dynecol reserves the right to reject any material that does not conform to specifications described in profile.

B. Certification

I certify, under penalty of law, that I have personally examined, and am familiar with, the waste profiled through knowledge of the waste, and I believe the information submitted to be true, accurate, and complete.

CHRISTOPHER McBee	ENVIRONMENTAL ENGINEER
Generator Name (Please print or type)	**Title**
Christopher McBee	2/17/06
Generator Signature	**Date**

IX. Revision Section

Please list any revisions made to form

Revision	Date of Revision	Generator Authorization

X. Dynecol Use only

A. Approval Information

CMF WASTES:		**PLANT WASTES:**	
Primary outbound approval number		Plant treatment code	
Off-site management code		On-site management code:	

WAF Initiator signature:			
Approved by:		Date:	2/17/06

DYNECOL
MID 074259565

DYNECOL, IN

(313) 571-71

CERTIFICATION FORM

(Submit with waste approval package)

UNDERLYING CONSTITUENTS/VOLATILE ORGANIC COMPOUNDS (VOC)

APPROVAL NUMBER: 165442.1 **EPA ID NUMBER:** MID981092190

GENERATOR NAME: Double Eagle Steel

EPA HAZARDOUS WASTE NUMBERS: D001

MANIFEST NUMBER (IF APPLICABLE): _____

PLEASE PLACE A CHECK MARK IN THE APPROPRIATE BOX:

- [ ] THIS WASTE IS NOT PROHIBITED FROM LAND DISPOSAL. (NOTE – ADDITIONAL CERTIFICATIONS MAY BE REQUIRED)
- [x] THIS WASTE IS PROHIBITED FROM LAND DISPOSAL.
- [x] THE WASTE DOES NOT CONTAIN UNDERLYING HAZARDOUS CONSTITUENTS LISTED IN 40 CFR 268.48 TABLE UTS-UNIVERSAL TREATMENT STANDARDS (EXCLUDING FLUORIDE, VANADIUM AND/OR ZINC).
- [ ] THE WASTE DOES CONTAIN UNDERLYING HAZARDOUS CONSTITUENTS LISTED IN 40 CFR 268.48 TABLE UTS-UNIVERSAL TREATMENT STANDARDS (EXCLUDING FLUORIDE, VANADIUM AND/OR ZINC).
- [ ] THE WASTE DOES NOT CONTAIN VOLATILE ORGANIC COMPOUNDS GREATER THAN 500 PPM.
- [x] THE WASTE DOES CONTAIN VOLATILE ORGANIC COMPOUNDS GREATER THAN 500 PPM.

NOTE: ADDITIONAL INFORMATION AS REQUIRED PER 40 CFR 268.7 GENERAL PAPERWORK REQUIREMENTS TABLE CAN BE FOUND IN THE ATTACHED DYNECOL WASTE APPROVAL FORM.

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE WASTE THROUGH ANALYSIS AND TESTING OR THROUGH KNOWLEDGE OF THE WASTE, AND BELIEVE THAT THE INFORMATION I SUBMITTED IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING A FALSE CERTIFICATION, INCLUDING A POSSIBILITY OF A FINE AND/OR IMPRISONMENT.

Christopher McBee	CHRISTOPHER McBee	2/17/06
AUTHORIZED SIGNATURE	PRINTED NAME	DATE

DYNECOL

DYNECOL, INC.

6520 GEORGIA STREET
DETROIT, MICHIGAN 48211
PHONE: (313) 571-7141
FAX: (313) 571-7190

Chemist Names:	Date:	Code:	Approval #:	Order No.:	Drum No.:
	2-17-06	Rineco	165442.1		DE-1,2

Proper DOT Shipping Name: Waste Flammable liquids, N.O.S.

Container Type:	UN/NA Number:	Hazard Class / Packaging Group:
55DF	UN1993	3 PG II

Line No.	Material Description	Material Quantity	RQ	EPA Waste Code Number
01	Ink waste w/propanol	1X 5gal		D001
02				
03	Waste Oil Based Paint w/	1X 5gal		D001
04	pet. Distillates + mineral			
05	spirits			
06	Ink spill clean-up w/	2X 1pt		D001
07	trace liquids			
08				
09	Paint Thinner flash 143°F	1X 5gal		D001
10				
11	Polyurethane w/ aromatic	1X 1gal		D001
12	hydrocarbons			
13				
14				
15				
16				
17				
18				
19				
20				
21				
22				
23	THIS LAB PACK IS			
24	CERTIFIED ACCORDING TO			
25	DYNECOL ACT 451 PERMIT			
26	SECTION C-2b			
27				
28				
29				
30				
	TOTAL QUANTITY			

Chemist Verification _____ This Lab Pack List continues: Yes ☐ No ☐ This is page _____ of _____

SUBPART CC
WASTE DETERMINATION SUPPORT FORM

Waste Approval Number: 165442.1

Customer Generator Code: 51

Does the composition of the waste indicate a VO concentration in excess of 500 ppm of the compounds listed in 40 CFR 265 Appendix VI:

Yes X No_____

Has the generator circled "YES or NO" to "Organics" in section II of the waste approval form:

Yes X No_____

Has the generator certified that this material "Does" or "Does Not" contain VO concentrations in excess of 500 ppm:

Does X Does Not_____

Is additional information available regarding this waste from the same waste generated from different locations (Please identify all approval numbers):

_____

Based on the above information, is this waste regulated under 40 CFR 265 Subpart CC:

Yes X No_____

This determination was made/updated by:

B. B. 2/17/06

Signature Date

Signature Date

Signature Date

DYNECOL, INC.
6520 GEORGIA STREET
DETROIT, MICHIGAN 48211
PHONE: (313) 571-7140
FAX: (313) 571-7190

WASTE APPROVAL FORM

I. General Information					
Approval Number	165422		**Cust./Gen.Code:**	51	
Generator Name:	Double Eagle Steel Coating Company				
Address:	3000 Miller Road				
City:	Dearborn	**State:**	MI	**48120**	48120
Contact Name:	Chris McBee				
Phone Number:	313-363-1902		**Fax Number:**	313-203-9705	
24 Hour Emergency #:					
EPA ID Number:	MID 981 092 190		**SIC Code:**	3479	
Customer Name:	SAME				
Customer Contact:					
Address:					
City:		**State:**		**Zip Code:**	
Phone Number:			**Fax Number:**		
24 Hour Emergency #:					

II. Waste Description
Waste Common Name: HCL Spill Clean Up
Specific Process Generating the waste:
Spill clean up of HCL pickle liquor using absorbent, pigs & pads. HCL pickle liquor from cleaning steel
parts prior to galvanizing operations (zinc plating on carbon steel).

Constituent	Actual % of representative sample	Min. % of waste stream	Max. % of waste stream
HCL Pickle Liquor	5	1	10
Absorbent Pads, Pigs	85	70	90
PPE	5	0	25
Floor Dry	5	0	25

A. Michigan Act 451 and EPA 40 CFR Information: (For the following, please use SW 846 test method for determination)

1. Is this a hazardous waste as defined by either R299.9212-9214 or 261 Subpart B,C, or D?

Check One: _X__ YES ____ NO

a) *IF YES*, please list all applicable waste codes:

D002, D007, D008

b) *IF NO*, please list all applicable non-hazardous waste codes as defined by Michigan Act 451 Part 121:

2. Does this waste indicate a volatile organic concentration in excess of 500 ppm or the compounds listed in 40 CFR 265 Appendix VI?:

Check One: ____ YES _X__ NO

a) *IF YES*, please indicate constituents and concentrations:

3. Does the analysis indicate PCB's above the detection limit?

Check One: ____ YES _X__ NO

a) *IF YES*, does the waste contain PCB contamination from a source with a concentration greater than or equal to 50 ppm?

Check One: ____ YES ____ NO

B. Benzene/NESHAP Information (For the following, please use SW 846 method 8020 and/or EPA 602 and/or 624 for determination)

1. Does the waste stream have a benzene concentration of 10 ppm or more?

   Check One: ____ YES X NO

   IF YES, please indicate total benzene concentration of waste:

2. Does the waste stream contain greater than 10% water ?

   Check One: ____ Yes __X__ NO

3. Does the generator manage wastes from facilities with Total Annual Benzene (TAB) greater or equal to 10 mg/year?

   Check One: ____ Yes X NO

   IF YES, please indicate TAB quantity for generator facility:

C. Land Disposal Restriction Information (For the following, please see 40 CFR part 268.2 for definitions)

1. Does the waste stream contain less than 1% by weight Total Organic Carbon (TOC) and less than 1% by weight Total Suspended Solids?

   Check One: ____ YES (wastewater) __X__ NO (Non-wastewater)

Color	Varies	
pH	<2 to 7	
☐ Liquid ☒ Sludge/Slurry ☐ Solid		Phases
Odor:		☒ Single Layer
☒ None ☐ Strong ☐ Mild		☐ Double Layer
		☐ Multi-Layer

A. Determination of shipping name as defined by 29 CFR 172.101:

1. Proper Shipping Name:	Waste Corrosive, Liquid, Acidic, Inorganic, N.O.S. (Hydrochloric acid)				
2. Hazard Class: 8	3. UN/NA Number: 3264				
4. Packing Group (Circle one):				III	None
B. Shipping Container (Circle one)	Bulk	Pails	Totes	Roll Off	Other:
C. Waste Volume	5				
D. Shipping Frequency (Circle one)	Weekly	Monthly	Quarterly		One Time Only

DYNECOL INC. WASTE APPROVAL FORM PAGE 5

Please list any additional comments concerning this waste stream below:

Not SIC 331 or 332.

A. Authorization to correct material profile sheet

I Christopher McBee (Generator signature) hereby give authorization for Dynecol, Inc. to make corrections with oral authorization to establish consistency with the results of sample analysis and/or applicable federal and state regulations and the information on this profile. These changes WILL NOT include the addition or removal of waste codes and waste constituents which must have written authorization to be changed by the generator. I understand that Dynecol reserves the right to reject any material that does not conform to specifications described in profile.

B. Certification

I certify, under penalty of law, that I have personally examined, and am familiar with, the waste profiled through knowledge of the waste, and I believe the information submitted to be true, accurate, and complete.

CHRISTOPHER MCBEE	ENVIRONMENTAL ENGINEER
Generator Name (Please print or type)	Title
Christopher McBee	2/7/06
Generator Signature	Date

Please list any revisions made to form

Revision	Date of Revision	Generator Authorization

A. Approval Information

CMF WASTES:		PLANT WASTES:	
Primary outbound approval number	004586	Plant treatment code	
Off-site management code		On-site management code:	

WAF Initiator signature:			
Approved by:		Date:	2/7/2006

$250/DM

MID 074259565

DYNECOL, IN

(313) 571-71

CERTIFICATION FORM

(Submit with waste approval package)

UNDERLYING CONSTITUENTS/VOLATILE ORGANIC COMPOUNDS (VOC)

APPROVAL NUMBER: 165422 EPA ID NUMBER: MID 981 012 190

GENERATOR NAME: Double Eagle Steel Coating

EPA HAZARDOUS WASTE NUMBERS:

D002, D007, D008

MANIFEST NUMBER (IF APPLICABLE):

PLEASE PLACE A CHECK MARK IN THE APPROPRIATE BOX:

- [ ] THIS WASTE IS NOT PROHIBITED FROM LAND DISPOSAL. (NOTE – ADDITIONAL CERTIFICATIONS MAY BE REQUIRED)
- [X] THIS WASTE IS PROHIBITED FROM LAND DISPOSAL.
- [X] THE WASTE DOES NOT CONTAIN UNDERLYING HAZARDOUS CONSTITUENTS LISTED IN 40 CFR 268.48 TABLE UTS-UNIVERSAL TREATMENT STANDARDS (EXCLUDING FLUORIDE, VANADIUM AND/OR ZINC).
- [ ] THE WASTE DOES CONTAIN UNDERLYING HAZARDOUS CONSTITUENTS LISTED IN 40 CFR 268.48 TABLE UTS-UNIVERSAL TREATMENT STANDARDS (EXCLUDING FLUORIDE, VANADIUM AND/OR ZINC).
- [X] THE WASTE DOES NOT CONTAIN VOLATILE ORGANIC COMPOUNDS GREATER THAN 500 PPM.
- [ ] THE WASTE DOES CONTAIN VOLATILE ORGANIC COMPOUNDS GREATER THAN 500 PPM.

NOTE: ADDITIONAL INFORMATION AS REQUIRED PER 40 CFR 268.7 GENERAL PAPERWORK REQUIREMENTS TABLE CAN BE FOUND IN THE ATTACHED DYNECOL WASTE APPROVAL FORM.

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE WASTE THROUGH ANALYSIS AND TESTING OR THROUGH KNOWLEDGE OF THE WASTE, AND BELIEVE THAT THE INFORMATION I SUBMITTED IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING A FALSE CERTIFICATION, INCLUDING A POSSIBILITY OF A FINE AND/OR IMPRISONMENT.

Christopher McBee	CHRISTOPHER McBee	2/7/06
AUTHORIZED SIGNATURE	PRINTED NAME	DATE

CERTIFICATION FORM.DOC REVISED 5/98

Midwest Analytical Services, Inc.

"Where industry comes for answers."

2905 Hilton Rd
Ferndale, MI 48220

Phone: (248) 591-6660
MI Only: (800) 801-4MAS
Fax No: (248) 591-6668

All test reports include a chain of custody and a cover sheet.

Date: 02-Apr-04

Client: Molly Dwinnells
Dynecol, Inc.

Order ID: 0403239

MAS Sample #: 040326013

Project ID:

Sample I.D.: 3789 Hydrochloric Pickle Liquor

The above mentioned project has been completed in accordance with the Quality Assurance Project Plan written by Midwest Analytical Services, Inc., using SW-846, DEQ, EPA, Standard Methods and ASTM documents as reference guidelines. Specific sample information is available upon request. This test report applies only to the samples received as stated on the Chain of Custody (COC).

Test reports are not complete unless accompanied by the COC and this cover sheet. MAS is not responsible for interpretation of this test report. Please read the following numbered comments carefully.

For your convenience the following legend applies to all the following data sheets:

1. Reports shall not be reproduced, except in full, without written approval of MAS.
2. N/D=Not detected.
3. Results relate only to the items tested.
4. ppm=parts per million, mg/l, mg/kg or mg/kg(dry weight)
   ppb=parts per billion, ug/l, ug/kg or ug/kg (dry weight)
5. QC information on file.
6. EQL=Estimated Quantitation Limit.
7. N/A=Not Applicable, Not Available.
8. Materials listed on the COC were analyzed as requested. See COC for details.
9. Data along with qualifiers make this a useable data set.

Additional comments and explanations:

SL- Surrogate spike indicates low recovery.

If you have any questions regarding this project feel free to contact me at (248) 591-6660 ext. 115 or (800) 801-4627 ext. 115. Thank you for choosing Midwest Analytical Services.

Charles Hindbaugh

Charles Hindbaugh
Quality Manager

Midwest Analytical Services, Inc.

"Where industry comes for answers."

2905 Hilton Rd
Ferndale, MI 48220

Phone: (248) 591-6660
MI Only: (800) 801-4MAS
Fax No: (248) 591-6668

All test reports include a chain of custody and a cover sheet.

Dynecol, Inc.
6250 Georgia St
Detroit, MI 48211-1594

Test Report
Order ID: 0403239
MAS Sample #: 040326013
Date Completed: 4/2/2004
PO Number: 15742

Project ID: Kasle Steel Corp./Dynecol Hydrochloric Pickle Liquor Generic

Sample Identification: 3789 Hydrochloric Pickle Liquor

Physical Description: Liquid

Sample Date/Time: 3/23/2004

Method Number	Parameter	Result	Units	EQL	Regulatory Limit	Analyst	Date Analyzed	Data Flag
SW 846 9040B	pH	< 2.00	units	2.0	12.5	SS	3/29/2004	
SW 846 1010	Ignitability	> 200	°F	75	140	SS	3/29/2004	
SW 846 7.3.3.2	Cyanide-Reactive	N/D	mg/Kg	20	250	SS	3/29/2004	
40 CFR 261.23.5	Sulfide-Reactive	Negative	N/A	500	500	DC	3/30/2004	
SW 846 9020B	Total Organic Halogens	120	mg/Kg	9.8	N/A	DC	3/26/2004	
	TCLP Metals:							SL
SW 846 6010B	Arsenic	N/D	mg/L	0.18	5	MV	3/31/2004	SL
SW 846 6010B	Barium	1.2	mg/L	0.13	100	MV	3/31/2004	SL
SW 846 6010B	Cadmium	N/D	mg/L	0.13	1	MV	3/31/2004	SL
SW 846 6010B	Chromium	57	mg/L	0.13	5	MV	3/31/2004	SL
SW 846 6010B	Lead	19	mg/L	0.15	5	MV	3/31/2004	SL
SW 846 7470A	Mercury	N/D	mg/L	0.0025	0.2	MV	3/31/2004	
SW 846 6010B	Selenium	N/D	mg/L	0.25	1	MV	3/31/2004	SL
SW 846 6010B	Silver	N/D	mg/L	0.13	5	MV	3/31/2004	SL
	PCB:							
SW 846 8082	Aroclor - 1016	N/D	mg/Kg	0.50	N/A	DB	3/31/2004	
SW 846 8082	Aroclor - 1221	N/D	mg/Kg	0.50	N/A	DB	3/31/2004	
SW 846 8082	Aroclor - 1232	N/D	mg/Kg	0.50	N/A	DB	3/31/2004	
SW 846 8082	Aroclor - 1242	N/D	mg/Kg	0.50	N/A	DB	3/31/2004	
SW 846 8082	Aroclor - 1248	N/D	mg/Kg	0.50	N/A	DB	3/31/2004	
SW 846 8082	Aroclor - 1254	N/D	mg/Kg	0.50	N/A	DB	3/31/2004	
SW 846 8082	Aroclor - 1260	N/D	mg/Kg	0.50	N/A	DB	3/31/2004	

pH measured at 16° C.

Charles Hindbaugh

Charles Hindbaugh
Quality Manager

DYNECOL, INC.
6520 GEORGIA STREET
DETROIT, MICHIGAN 48211
PHONE: (313) 571-7140
FAX: (313) 571-7190

WASTE APPROVAL FORM

I. General Information					
Approval Number	165333		Cust./Gen.Code:	51	
Generator Name:	Double Eagle Steel Coating Co.				
Address:	3000 Miller Rd.				
City:	Dearborn	State:	MI	Zip Code:	48120
Contact Name:	Chris McBee				
Phone Number:	313-203-9829		Fax Number:	313-203-9705	
24 Hour Emergency #:					
EPA ID Number:	MID981092190		SIC Code:		
Customer Name:	Same				
Customer Contact:					
Address:					
City:		State:		Zip Code:	
Phone Number:			Fax Number:		
24 Hour Emergency #:					

II. Waste Description
Waste Common Name: Hydraulic Fluid Spill Clean Up
Specific Process Generating the waste:
Spill clean up of unused virgin product.

DYNECOL INC. Waste Approval Form PAGE 2 Approval Number:

III. Waste Composition (Must equal 100%)

Constituent	Actual % of representative sample	Min. % of waste stream	Max. % of waste stream
Hydraulic Fluid	4	1	5
Hay/Straw/Floor Dry	65	65	85
Pigs/Socks (absorbent)	25	20	40
PPE/Rags	5	0	100
Dirt	1	1	5

III. Waste Characterization

A. Michigan Act 451 and EPA 40 CFR Information: (For the following, please use SW 846 test method for determination)

1. Is this a hazardous waste as defined by either R299.9212-9214 or 261 Subpart B,C, or D?

Check One: _____ **YES** X **NO**

a) *IF YES,* please list all applicable waste codes:

b) *IF NO*, please list all applicable non-hazardous waste codes as defined by Michigan Act 451 Part 121:

NONE

2. Does this waste indicate a volatile organic concentration in excess of 500 ppm or the compounds listed in 40 CFR 265 Appendix VI?:

Check One: _____ **YES** X **NO**

a) *IF YES*, please indicate constituents and concentrations:

3. Does the analysis indicate PCB's above the detection limit?

Check One: _____ **YES** X **NO**

a) IF YES, does the waste contain PCB contamination from a source with a concentration greater than or equal to 50 ppm?

Check One: _____ **YES** _____ **NO**

III. Waste Characterization (continued)

B. Benzene/NESHAP Information (For the following, please use SW 846 method 8020 and/or EPA 602 and/or 624 for determination)

1. Does the waste stream have a benzene concentration of 10 ppm or more?

   Check One: _____ **YES** X **NO**

   IF YES, please indicate total benzene concentration of waste:

2. Does the waste stream contain greater than 10% water ?

   Check One: _____ **Yes** X **NO**

3. Does the generator manage wastes from facilities with Total Annual Benzene (TAB) greater or equal to 10 mg/year?

   Check One: _____ **Yes** X **NO**

   IF YES, please indicate TAB quantity for generator facility:

C. Land Disposal Restriction Information (For the following, please see 40 CFR part 268.2 for definitions)

1. Does the waste stream contain less than 1% by weight Total Organic Carbon (TOC) and less than 1% by weight Total Suspended Solids?

   Check One: _____ **YES** (wastewater) X **NO** (Non-wastewater)

IV. General Characteristics (at 70 degrees F unless otherwise specified)

Color: Varies

pH: 4-9

☐ Liquid ☐ Sludge/Slurry ☒ Solid

Odor: ☒ None ☐ Strong ☐ Mild

Phases: ☒ Single Layer ☐ Double Layer ☐ Multi-Layer

V. Shipping Information

A. Determination of shipping name as defined by 29 CFR 172.101:

1. Proper Shipping Name: Non Hazardous Solid

2. Hazard Class: ——— 3. UN/NA Number: ———

4. Packing Group (Circle one): I II III None

B. Shipping Container (Circle one): Bulk Drums Pails Totes Roll Off Other:

C. Waste Volume: 1 X 55 ; 2 X 85 gallon drums

D. Shipping Frequency (Circle one): Weekly Monthly Quarterly Yearly One Time Only

DYNECOL, INC. Waste Approval Form PAGE 4 Approval Number:

VII. Generator Section

Please list any additional comments concerning this waste stream below:

2 55 gallon Overpacks were filled with the Spill Clean up Material. There are no free liquids in these containers. Contents contain less than 55 gallons

VIII. Generator Authorization

A. Authorization to correct material profile sheet

I, Christopher McBee (generator signature) hereby give authorization for Dynecol, Inc. to make corrections with oral authorization to establish consistency with the results of sample analysis and/or applicable federal and state regulations and the information on this profile. These changes WILL NOT include the addition or removal of waste codes and waste constituents which must have written authorization to be changed by the generator. I understand that Dynecol reserves the right to reject any material that does not conform to specifications described in profile.

B. Certification

I certify, under penalty of law, that I have personally examined, and am familiar with, the waste profiled through knowledge of the waste, and I believe the information submitted to be true, accurate, and complete.

CHRISTOPHER McBee	ENVIRONMENTAL ENGINEER
Generator Name (Please print or type)	Title
Christopher McBee	1/25/06
Generator Signature	Date

IX. Revision Section

Please list any revisions made to form

Revision	Date of Revision	Generator Authorization

X. Approval Section

A. Approval Information

CMF WASTES:		PLANT WASTES:	
Primary outbound approval number	Bay 19	Plant treatment code	
Off-site management code		On-site management code:	

WAF Initiator signature:			
Approved by:		Date:	2/2/2006

Overpacks will be surcharged. $90/drum

BORNE CHEMICAL INC -- HYDRAULIC FLUID -- 9150-00-753-4799

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MSDS Safety Information

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FSC: 9150
NIIN: 00-753-4799
MSDS Date: 10/20/1997
MSDS Num: CFKYF
Tech Review: 10/20/1997
Product ID: HYDRAULIC FLUID
Responsible Party
Cage: 17425
Name: BORNE CHEMICAL CO INC
Address: 632 SOUTH FRONT ST
City: ELIZABETH NJ 07207 US
Emergency Phone Number: COMPANY OUT OF BUSINESS
Preparer's Name: DSCR-VBA(LEVIEN)

==========

Preparer Co. when other than Responsible Party Co.

==========

Cage: 17425
Assigned Ind: N
Name: BORNE CHEMICAL CO INC
Address: 632 SOUTH FRONT ST
City: ELIZABETH NJ 07200

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Contractor Summary

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Cage: 17425
Name: BORNE CHEMICAL CO INC
Address: 632 SOUTH FRONT ST
City: ELIZABETH NJ 07200 US
Phone: 201-351-1717

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Item Description Information

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Item Manager: S9G
Item Name: HYDRAULIC FLUID,PETROLEUM BASE
Specification Number: MIL-L-17672
Type/Grade/Class: 2110-T-H SYMBOL
Unit of Issue: GL
UI Container Qty: 6

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Ingredients

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Name: PETROLEUM HYDROCARBON PLUS ADDITIVES
% by Wt: 100
Other REC Limits: NONE RECOMMENDED
OSHA PEL: NOT ESTABLISHED
ACGIH TLV: NOT ESTABLISHED

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Health Hazards Data

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LD50 LC50 Mixture: TLV FOR OIL MIST IS 5MG/M3
Route Of Entry Inds - Inhalation: NO
Skin: NO
Ingestion: NO
Carcinogenicity Inds - NTP: NO
IARC: NO
OSHA: NO

Effects of Exposure: ACUTE: LOW HEALTH HAZARD. MINIMAL IRRITATION ON CONTACT. INHALATION OF VAPORS OR MISTS WHEN SPRAYING MAY CAUSE IRRITATION. SLIGHTLY TOXIC IF SWALLOWED. CHRONIC: DERMATITIS. ACCIDENTAL RELEASE UNDER HI GH PRESSURE APPLICATIONS MAY RESULT IN INJECTION OF OIL INTO THE SKIN CAUSING LOCAL NECROSIS.
Explanation Of Carcinogenicity: NONE OF THE INGREDIENTS IN THIS PRODUCT IS LISTED BY NTP, IARC OR OSHA AS A CARCINOGEN.
Signs And Symptions Of Overexposure: EYES: MINIMAL IRRITATION. SKIN: IRRITATION, SKIN DRYING ON PROLONGED CONTACT. INHALATION: IRRITATION OF NOSE AND THROAT. INGESTION: DISCOMFORT, NAUSEA, DIARRHEA. INJECTION: NECROSIS MAY BE EVIDENCED B Y DELAYED ONSET OF PAIN AND TISSUE DAMAGE A FEW HOURS FOLLOWING PRESSURE INJECTION.
Medical Cond Aggravated By Exposure: BECAUSE OF ITS DEFATTING PROPERTIES, PROLONGED AND REPEATED SKIN CONTACT MAY AGGRAVATE AN EXISTING DERMATITIS.
First Aid: EYES: FLUSH WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES. IF IRRITATION PERSISTS, SEE DOCTOR. SKIN: WASH WITH SOAP. IF IRRITATION PERSISTS, SEE DOCTOR. INHALATION: REMOVE VICTIM TO FRESH AIR. GIVE OXY GEN/CPR IF NEEDED. SEE DOCTOR. INGESTION: DO NOT INDUCE VOMITING. SEE DOCTOR. INJECTION: THIS IS A MEDICAL EMERGENCY. SEE DOCTOR IMMEDIATELY.

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Handling and Disposal

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Spill Release Procedures: REMOVE PERSONNEL. ELIMINATE IGNITION SOURCES. VENTILATE AREA. WEAR PROTECTIVE CLOTHING AND EQUIPMENT. DIKE AND CONTAIN. ABSORB IN INERT MATERIAL AND PLACE IN APPROPIATE DISPOSAL CONTAINER AND COVER. W ASH AREA WITH SOAP AND WATER.
Waste Disposal Methods: CONTACT YOUR LOCAL ENVIRONMENTAL OFFICER. DISPOSE OF IN ACCORDANCE WITH ALL FEDERAL, STATE AND LOCAL REGULATIONS.
Handling And Storage Precautions: STORE IN A COOL, DRY PLACE WITH ADEQUATE VENTILATION. KEEP AWAY FROM HEAT, OPEN FLAMES AND STRONG OXIDANTS. KEEP CONTAINERS TIGHTLY CLOSED.
Other Precautions: AVOID EYE AND SKIN CONTACT. DO NOT BREATHE VAPORS.

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Fire and Explosion Hazard Information

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Flash Point Method: COC
Flash Point Text: 450F,232C
Extinguishing Media: USE WATER FOG, CARBON DIOXIDE, FOAM, OR DRY CHEMICAL. WATER OR FOAM MAY CAUSE FROTHING.
Fire Fighting Procedures: WEAR FIRE FIGHTING PROTECTIVE EQUIPMENT AND A FULL FACED SELF CONTAINED BREATHING APPARATUS. COOL FIRE EXPOSED CONTAINERS WITH WATER SPRAY.
Unusual Fire/Explosion Hazard: COMBUSTION OR HEAT OF FIRE MAY PRODUCE HAZARDOUS DECOMPOSITION PRODUCTS AND VAPORS.

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Control Measures

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Respiratory Protection: NONE NORMALLY REQUIRED. NIOSH/MSHA-APPROVED RESPIRATOR OR SCBA AS APPROPIATE FOR EXPOSURE OF CONCERN.
Ventilation: MECHANICAL (GENERAL) VENTILATION.
Protective Gloves: NITRILE GLOVES.
Eye Protection: SPLASH GOGGLES IF MISTING.
Other Protective Equipment: PROTECTIVE CLOTHING AS REQUIRED TO MINIMIZE EXPOSURE FROM PROLONGED OR REPEATED CONTACT. EYE BATH AND SAFETY SHOWER.
Work Hygienic Practices: WASH THOROUGHLY AFTER HANDLING AND BEFORE EATING. LAUNDER CONTAMINATED CLOTHING BEFORE REUSE. DISCARD CONTAMINATED SHOES
Supplemental Safety and Health: THIS RECORD HAS BEEN GENERATED USING "THE BEST AVAILABLE INFORMATION".USED GASOLINE MOTOR OILS HAVE BEEN SHOWN TO CAUSE SKIN CANCER WHEN REPEATEDLY APPLIED TO MOUSE SKIN WITHOUT ANY

EFFORT TO REMOVE T HE MATERIAL BETWEEN APPLICATIONS.

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Physical/Chemical Properties

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HCC: V6
Vapor Pres: NEGLIGIBLE
Vapor Density: >1
Spec Gravity: 0.891
Solubility in Water: NEGLIGIBLE
Appearance and Odor: PALE OILY LIQUID.
Percent Volatiles by Volume: NIL

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Reactivity Data

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Stability Indicator: YES
Stability Condition To Avoid: HIGH HEAT, OPEN FLAMES AND OTHER SOURCES OF IGNITION
Materials To Avoid: STRONG OXIDIZING AGENTS
Hazardous Decomposition Products: AIRBORNE SOLID AND LIQUID PARTICULATES, CARBON MONOXIDE, OTHER UNIDENTIFIED HYDROCARBON PRODUCTS.
Hazardous Polymerization Indicator: NO

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Toxicological Information

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Ecological Information

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MSDS Transport Information

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Regulatory Information

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Other Information

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Transportation Information

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Responsible Party Cage: 17425
Trans ID NO: 84064
Product ID: HYDRAULIC FLUID
MSDS Prepared Date: 10/20/1997
Review Date: 10/20/1997
Article W/O MSDS: N
Net Unit Weight: 7.4 LBS
Multiple KIT Number: 0
Unit Of Issue: GL
Container QTY: 6
Additional Data: NONE

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Detail DOT Information

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DOT Proper Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION

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Detail IMO Information

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IMO Proper Shipping Name: NOT REGULATED FOR THIS MODE OF TRANSPORTATION

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Detail IATA Information

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IATA Proper Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION
==========
Detail AFI Information
==========
AFI Proper Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION
==========
HAZCOM Label
==========
Product ID: HYDRAULIC FLUID
Cage: 17425
Company Name: BORNE CHEMICAL CO INC
Street: 632 SOUTH FRONT ST
City: ELIZABETH NJ
Zipcode: 07200 US
Health Emergency Phone: COMPANY OUT OF BUSINESS
Date Of Label Review: 10/20/1997
Label Date: 10/20/1997
Year Procured: 1983
Eye Protection IND: YES
Skin Protection IND: YES
Signal Word: CAUTION
Health Hazard: Slight
Contact Hazard: None
Fire Hazard: None
Reactivity Hazard: None
Hazard And Precautions: ACUTE: LOW HEALTH HAZARD. MINIMAL IRRITATION ON CONTACT. INHALATION OF VAPORS OR MISTS WHEN SPRAYING MAY CAUSE IRRITATION. SLIGHTLY TOXIC IF SWALLOWED. CHRONIC: DERMATITIS. ACCIDENTAL RELEASE UNDER HI GH PRESSURE APPLICATIONS MAY RESULT IN INJECTION OF OIL INTO THE SKIN CAUSING LOCAL NECROSIS. FIRST AID: EYES: FLUSH WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES. IF IRRITATION PERSISTS, SEE DOCTOR. S KIN: WASH WITH SOAP. IF IRRITATION PERSISTS, SEE DOCTOR. INHALATION: REMOVE VICTIM TO FRESH AIR. GIVE OXYGEN/CPR IF NEEDED. SEE DOCTOR. INGESTION: DO NOT INDUCE VOMITING. SEE DOCTOR. INJECTION: THIS I S A MEDICAL EMERGENCY. SEE DOCTOR IMMEDIATELY.
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Disclaimer (provided with this information by the compiling agencies): This information is formulated for use by elements of the Department of Defense. The United States of America in no manner whatsoever expressly or implied warrants, states, or intends said information to have any application, use or viability by or to any person or persons outside the Department of Defense nor any person or persons contracting with any instrumentality of the United States of America and disclaims all liability for such use. Any person utilizing this instruction who is not a military or civilian employee of the United States of America should seek competent professional advice to verify and assume responsibility for the suitability of this information to their particular situation regardless of similarity to a corresponding Department of Defense or other government situation.

DYNECOL, INC.
6520 GEORGIA STREET
DETROIT, MICHIGAN 48211
PHONE: (313) 571-7140
FAX: (313) 571-7190

WASTE APPROVAL FORM

I. General Information					
Approval Number	165083		**Cust./Gen.Code:**	51	
Generator Name:	DOUBLE EAGLE STEEL COATING				
Address:	3000 MILLER ROAD				
City:	DEARBORN	**State:**	MI	**Zip Code:**	48120
Contact Name:	CHRIS MCBEE				
Phone Number:	313-203-9829		**Fax Number:**		
24 Hour Emergency #:					
EPA ID Number:	MID981092190		**SIC Code:**		
Customer Name:	SAME AS ABOVE				
Customer Contact:					
Address:					
City:		**State:**		**Zip Code:**	
Phone Number:	313-363-1902 cell		**Fax Number:**		
24 Hour Emergency #:					

II. Waste Description	
Waste Common Name:	LABPACKS
Specific Process Generating the waste:	
OBSOLETE/ DISCARDED VIRGIN AND USED LAB CHEMICALS FOR DISPOSAL.	

DYNECOL, INC. Waste Approval Form PAGE 2 Approval Number

III. Waste Composition (Must equal 100%)

Constituent	Actual % of representative sample	Min. % of waste stream	Max. % of waste stream
	SEE SHIPPERS		

III. Waste Characterization

A. Michigan Act 451 and EPA 40 CFR Information: (For the following, please use SW 846 test method for determination)

1. Is this a hazardous waste as defined by either R299.9212-9214 or 261 Subpart B,C, or D?

   Check One: _____ **YES** _____ **NO**

   a) *IF YES,* please list all applicable waste codes:

   b) *IF NO*, please list all applicable non-hazardous waste codes as defined by Michigan Act 451 Part 121:

2. Does this waste indicate a volatile organic concentration in excess of 500 ppm or the compounds listed in 40 CFR 265 Appendix VI?:

   Check One: _____ **YES** _____ **NO**

   a) *IF YES*, please indicate constituents and concentrations:

3. Does the analysis indicate PCB's above the detection limit?

   Check One: _____ **YES** _____ **NO**

   a) IF YES, does the waste contain PCB contamination from a source with a concentration greater than or equal to 50 ppm?

   Check One: _____ **YES** _____ **NO**

II. Waste Characterization (continued)

B. Benzene/NESHAP Information (For the following, please use SW 846 method 8020 and/or EPA 602 and/or 624 for determination)

1. Does the waste stream have a benzene concentration of 10 ppm or more?

   Check One: _____ **YES** _____ **NO**

   IF YES, please indicate total benzene concentration of waste:

2. Does the waste stream contain greater than 10% water ?

   Check One: _____ **Yes** _____ **NO**

3. Does the generator manage wastes from facilities with Total Annual Benzene (TAB) greater or equal to 10 mg/year?

   Check One: _____ **Yes** _____ **NO**

   IF YES, please indicate TAB quantity for generator facility:

C. Land Disposal Restriction Information (For the following, please see 40 CFR part 268.2 for definitions)

1. Does the waste stream contain less than 1% by weight Total Organic Carbon (TOC) and less than 1% by weight Total Suspended Solids?

   Check One: _____ **YES** (wastewater) _____ **NO** (Non-wastewater)

IV. General Characteristics at 70 degrees F unless otherwise specified

Color	SEE SHIPPERS	Phases
pH		☐ Single Layer
☐ Liquid ☐ Sludge/Slurry ☐ Solid		☐ Double Layer
Odor:		☐ Multi-Layer
☐ None ☐ Strong ☐ Mild		

V. Shipping Information

A. Determination of shipping name as defined by 29 CFR 172.101:

1. Proper Shipping Name:	SEE SHIPPERS					
2. Hazard Class:	3. UN/NA Number:					
4. Packing Group (Circle one):	I		II		III	None
B. Shipping Container (Circle one)	Bulk	Drums	Pails	Totes	Roll Off	Other:
C. Waste Volume						
D. Shipping Frequency (Circle one)	Weekly		Monthly	Quarterly	Yearly	One Time Only

DYNECOL, INC. Waste Approval Form PAGE 4 Approval Number

VII. Comment Section

Please list any additional comments concerning this waste stream below:

VIII. Generator Authorizations

A. Authorization to correct material profile sheet

I CHRISTOPHER MCBEE (Generator signature) hereby give authorization for Dynecol, Inc. to make corrections with oral authorization to establish consistency with the results of sample analysis and/or applicable federal and state regulations and the information on this profile. These changes WILL NOT include the addition or removal of waste codes and waste constituents which must have written authorization to be changed by the generator. I understand that Dynecol reserves the right to reject any material that does not conform to specifications described in profile.

B. Certification

I certify, under penalty of law, that I have personally examined, and am familiar with, the waste profiled through knowledge of the waste, and I believe the information submitted to be true, accurate, and complete.

CHRISTOPHER MCBEE	ENVIRONMENTAL ENGINEER
Generator Name (Please print or type)	**Title**
Christopher McBee	12/1/05
Generator Signature	**Date**

IX. Revision Section

Please list any revisions made to form

Revision	Date of Revision	Generator Authorization

X. Dynecol Use Only

A. Approval Information

CMF WASTES:		**PLANT WASTES:**	
Primary outbound approval number		Plant treatment code	
Off-site management code		On-site management code:	

WAF Initiator signature:			
Approved by:		Date:	12/1/05

DYNECOL
MID 074259565

DYNECOL, INC
(313) 571-7141

CERTIFICATION FORM

(Submit with waste approval package)

UNDERLYING CONSTITUENTS/VOLATILE ORGANIC COMPOUNDS (VOC)

APPROVAL NUMBER: 165083.1 **EPA ID NUMBER:** MID981092190

GENERATOR NAME: Double Eagle Steel

EPA HAZARDOUS WASTE NUMBERS: D001, D018, D035

MANIFEST NUMBER (IF APPLICABLE): N/A

PLEASE PLACE A CHECK MARK IN THE APPROPRIATE BOX:

- [ ] THIS WASTE IS NOT PROHIBITED FROM LAND DISPOSAL. (NOTE – ADDITIONAL CERTIFICATIONS MAY BE REQUIRED)
- [x] THIS WASTE IS PROHIBITED FROM LAND DISPOSAL.
- [ ] THE WASTE DOES NOT CONTAIN UNDERLYING HAZARDOUS CONSTITUENTS LISTED IN 40 CFR 268.48 TABLE UTS-UNIVERSAL TREATMENT STANDARDS (EXCLUDING FLUORIDE, VANADIUM AND/OR ZINC).
- [x] THE WASTE DOES CONTAIN UNDERLYING HAZARDOUS CONSTITUENTS LISTED IN 40 CFR 268.48 TABLE UTS-UNIVERSAL TREATMENT STANDARDS (EXCLUDING FLUORIDE, VANADIUM AND/OR ZINC).
- [ ] THE WASTE DOES NOT CONTAIN VOLATILE ORGANIC COMPOUNDS GREATER THAN 500 PPM.
- [x] THE WASTE DOES CONTAIN VOLATILE ORGANIC COMPOUNDS GREATER THAN 500 PPM.

NOTE: ADDITIONAL INFORMATION AS REQUIRED PER 40 CFR 268.7 GENERAL PAPERWORK REQUIREMENTS TABLE CAN BE FOUND IN THE ATTACHED DYNECOL WASTE APPROVAL FORM.

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE WASTE THROUGH ANALYSIS AND TESTING OR THROUGH KNOWLEDGE OF THE WASTE, AND BELIEVE THAT THE INFORMATION I SUBMITTED IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING A FALSE CERTIFICATION, INCLUDING A POSSIBILITY OF A FINE AND/OR IMPRISONMENT.

Christopher McBee	CHRISTOPHER McBee	12/1/05
AUTHORIZED SIGNATURE	PRINTED NAME	DATE

TABLE UTS-- 268.48 UNIVERSAL TREATMENT STANDARDS

ORGANIC CONSTITUENTS	WW-mg/L	NWW-mg/kg	ORGANIC CONSTITUENTS	WW-mg/L	NWW-mg/kg	ORGANIC CONSTITUENTS	WW-mg/L	NWW-mg/kg	ORGANIC CONSTITUENTS	WW-mg/L	NWW-mg/kg
A2213	0.042	1.4	m-Cresol	0.11	5.6	Fluoranthene	0.068	3.4	Phenol	0.039	6.
Acenaphthene	0.059	3.4	p-Cresol	0.77	5.6	Fluorene	0.059	3.4	o-Phenylenediamine	0.056	5.
Acenaphthylene	0.059	3.4	o-Cresol	0.77	5.6	Formetanate hydrochloride	0.056	1.4	Phorate	0.021	4.
Acetone	0.28	160	m-Cumenyl methylcarbamate	0.056	1.4	Formparanate	0.056	1.4	Phthalic acid	0.055	2
Acetonitrile	5.6	38	Cyclohexanone	0.36	75 mg/L	Heptachlor	0.0012	0.066	Phthalic anhydride	0.055	2
Acetophenone	0.010	9.7	o,p'-DDD	0.023	0.087	Heptachlor epoxide	0.016	0.0066	Physostigmine	0.056	1.
2-Acetylaminofluorene	0.059	140	p,p'-DDD	0.023	0.087	Hexachlorobenezene	0.055	10	Physostigmine salicylate	0.056	1.
Acrolein	0.29	NA	o,p'-DDE	0.031	0.087	Hexachlorobutadiene	0.055	5.6	Promecarb	0.056	1.
Acrylamide	19	23	p,p'-DDE	0.031	0.087	Hexachlorocyclopentadiene	0.057	2.4	Pronamide	0.093	1.
Acrylonitrile	0.24	84	o,p'-DDT	0.0039	0.087	hexachlorodibenzo-furans	0.000063	0.001	Propham	0.056	1.
Aldecarb sulfone	0.056	0.28	p,p'-DDT	0.0039	0.087	Hexachlorodibenzo-p-dioxins	0.000063	0.001	Propoxur	0.056	1.
Aldrin	0.021	0.066	Dibenz(a,h)anthracene	0.055	8.2	Hexachloroethane	0.055	30	Prosulfocarb	0.042	1.
4-Aminobiphenyl	0.13	NA	Dibenzo(a,e)pyrene	0.061	NA	Hexachloropropylene	0.035	30	Pyrene	0.067	8.
Aniline	0.81	14	1,2-Dibromo-3-chloropropane	0.11	15	Indeno(1,2,3-c,d) pyrene	0.0055	3.4	Pyridine	0.014	1
Anthracene	0.059	3.4	1,2-Dibromoethane(Ethylene dibromide)	0.028	15	Iodomethane	0.19	65	Safrole	0.081	2
Aramite	0.36	NA	Dibromoethane	0.11	15	Isobutanol	5.6	170	1,2,4,5-Tetrachlorobenzene	0.055	1.
Barban	0.056	1.4	m-Dichlorobenzene	0.036	6.0	Isodrin	0.021	0.066	Tetrachlorodibenzo-furans	0.000063	0.00
Bendiocarb	0.056	1.4	o-Dichlorobenzene	0.088	6.0	Isolan	0.056	1.4	Tetrachlorodibenzo-p-dioxins	0.000063	0.00
Bendiocarb phenol	0.056	1.4	p-Dichlorobenzene	0.09	6.0	Isosafrole	0.081	2.6	1,1,1,2-Tetrachloroethane	0.057	6.0
Benomyl	0.056	1.4	Dichlorodifluoromethane	0.23	7.2	Kepone	0.0011	0.13	1,1,2,2-Tetrachloroethane	0.057	6.0
alpha-BHC	0.0001	0.066	1,1-Dichloroethane	0.059	6.0	Methacrylonitrile	0.24	84	Tetrachloroethylene	0.056	6.0
beta-BHC	0.0001	0.066	1,2-Dichloroethane	0.21	6.0	Methanol	5.6	.75 mg/L	2,3,4,6-Tetrachlorophenol	0.030	7.4
delta-BHC	0.023	0.066	1,1-Dichloroethylene	0.025	6.0	Methapyrilene	0.081	1.5	Thiodicarb	0.019	1.4
gamma-BHC	0.0017	0.066	trans-1,2-Dichloroethylene	0.054	30	Methiocarb	0.056	1.4	Thiophanate-methyl	0.056	1.4
Benzal Chloride	0.055	6.0	2,4-Dichlorophenol	0.044	14	Methomyl	0.028	0.14	Tirpate	0.056	0.28
Benz(a)anthracene	0.059	3.5	2,6-Dichlorophenol	0.044	14	Methoxychlor	0.25	0.18	Toluene	0.080	10
Benzene	0.14	10	2,4-D	0.72	10	3-Methylchoanthrene	0.0055	15	Toxaphene	0.0095	2.6
Benzo(b)fluoranthene	0.11	6.8	1,2-Dichloropropane	0.85	18	4,4-Methylene bis(2-chloraniline)	0.50	30	Triallate	0.042	1.4
Benzo(k)fluoranthene	0.11	6.8	cis-1,3-Dichlorpropylene	0.036	18	Methylene chloride	0.089	30	1,2,4-Trichlorobenzene	0.055	19
Benzo(g,h,I) perylene	0.0055	1.8	trans-1,3-Dichchloropropylene	0.036	18	Methyl ethyl ketone	0.28	36	1,1,1-Trichloroethane	0.054	6.0
Benzo(a) pyrene	0.061	3.4	Dieldrin	0.017	0.13	Methyl isobutyl ketone	0.14	33	1,1,2-Trichloroethane	0.054	6.0
bis(2-Chloroethoxy) methane	0.036	7.2	Diethyl phthalate	0.20	28	Methyl methacrylate	0.14	160	Trichloroethylene	0.054	6.0
bis(2-Chloroethyl) ether	0.033	6.0	Diethylene glycol, dicarbamate	0.056	1.4	Methyl methansulfonate	0.018	NA	Trichlorofluoromethane	0.020	30
bis(2-Ethylhexyl) phthalate	0.28	28	p-Dimethylaminoazobenzen	0.13	NA	Methyl parathion	0.014	4.6	2,4,5-Trichlorophenol	0.018	7.4
Bromodichloromethane	0.35	15	2,4-Dimethylphenol	0.036	14	Metolcarb	0.056	1.4	2,4,6-Trichlorophenol	0.035	7.4
Bromoform (Tribromomethane)	0.63	15	Dimethyl phthalate	0.047	28	Mexacarbate	0.056	1.4	2,4,5-T	0.72	7.9
Bromomethane (Methyl bromide)	0.11	15	Dimetilan	0.056	1.4	Molinate	0.042	1.4	2,4,5-TP (Silvex)	0.72	7.9
4-Bromophenyl phenyl ether	0.055	15	Di-n-butyl phthalate	0.057	28	2-Naphthylamine	0.52	NA	1,2,3-Trichloropropane	0.85	30
n-Butanol (n-Butyl alcohol)	5.6	2.6	1,4-Dinitrobenzene	0.32	2.3	Naphthalene	0.059	5.6	1,1,2-Trichloro-1,2,2-trifluoroethane	0.057	30
Butyl benzyl phhthalate	0.017	28	4,6-Dinitro-o-cresol	0.28	160	o-Nitroaniline	0.27	14	Triethylamine	0.081	1.5
Butylate	0.042	1.4	2,4-Dinitrophenol	0.12	160	p-Nitrolaniline	0.028	28	Tris(2,3-Dibromopropyl) phosphate	0.11	0.10
2-sec-Butyl-4,6-dinitrophenol (Dinoseb)	0.066	2.5	2,4-Dinitrotoluene	0.32	140	Nitrobenezene	0.068	14	Vernolate	0.042	1.4
Carbaryl	0.006	0.14	2,6-Dinitrotoluene	0.55	28	5-Nitro-o-toluidine	0.32	28	Vinyl chloride	0.27	6.0
Carbendazim	0.056	1.4	Di-n-octyl phthalate	0.017	28	o-Nitrophenol	0.028	13	Xylene-sum of mixed isomers	0.32	30
Carbofuran	0.006	0.14	Di-n-propylnitrosamine	0.40	14	p-Nitrophenol	0.12	29	METALS AND INORGANICS	WW-mg/L	NWW-mg/L
Carbofuran phenol	0.056	1.4	1,4-Dioxane	12.0	170	N-Nitroso-di-n-butylamine	0.40	17	Antimony	1.9	1.15
Carbon disulfide	3.8	4.8 mg/L	Diphenylamine	0.92	13	N-Nitrosodiethylamine	0.40	28	Arsenic	1.4	5.0
Carbon tetrachloride	0.057	6.0	Diphenylnitrosamine	0.92	13	N-Nitrosodimethylamine	0.40	2.3	Barium	1.2	21
Carbosulfan	0.028	1.4	1,2-Diphenyl hydrazine	0.087	NA	N-Nitrosomethylethylamine	0.40	2.3	Beryllium	0.82	1.22
Chlordane (alpha and gamma)	0.0033	0.26	Disulfoton	0.017	6.2	N-Nitrosomorpholine	0.40	2.3	Cadmium	0.69	0.11
p-Chloroaniline	0.46	16	Dithiocarbamates (total)	0.028	28	N-Nitrosopiperidine	0.013	35	Chromium (Total)	2.77	0.60
Chlorobenzene	0.057	6.0	Endosulfan I	0.023	0.066	N-Nitrosopyrrolidine	0.013	35	Cyanide (Total)	1.2	590
Chlorobenzilate	0.10	NA	Endosulfan II	0.029	0.13	Oxamyl	0.056	0.28	Cyanide (Amenable)	0.86	30
2-Chloro-1,3-butadiene	0.057	0.28	Endosulfan sulfate	0.029	0.13	Parathion	0.014	4.6	Fluoride*	35	NA
Chlorodibromomethane	0.057	15	Endrin	0.0028	0.13	Total PCB's	0.10	10	Lead	0.69	0.75
Chloroethane	0.27	6.0	Endrin aldehyde	0.025	0.13	Pebulate	0.042	1.4	Mercury (retort residues)	NA	0.20
Chloroform	0.046	6.0	EPTC	0.042	1.4	Pentachlorobenzene	0.055	10	Mercury (all others)	0.15	0.025
Chloro-m-cresol	0.018	14	Ethyl acetate	0.34	33	Pentachlorodibenzo-p-dioxins	0.000063	0.001	Nickel	3.98	11
2-Chloroethyl vinyl ether	0.062	NA	Ethyl benzene	0.057	10	Pentachlordibenzo-furans	0.000035	0.001	Selenium	0.82	5.7
Chloromethane (Methyl Chloride)	0.19	30	Ethyl cyanide (Propanenitrile)	0.24	360	Pentachloroethane	0.055	6.0	Silver	0.43	0.14
2-Chloronaphthalene	0.055	5.6	Ethyl ether	0.12	160	Pentachloronitrobenzene	0.055	4.8	Sulfide	14	NA
2-Chlorophenol	0.044	5.7	Ethyl methacrylate	0.14	160	Pentachlorophenol	0.089	7.4	Thallium	1.4	0.20
3-Chloropropylene	0.036	30	Ethylene oxide	0.12	NA	Phenacetin	0.081	16	Vanadium*	4.3	1.6
Chrysene	0.059	3.4	Famphur	0.017	15	Phenanthrene	0.059	5.6	Zinc*	2.61	4.3

* Fluoride, Vanadium, and Zinc are not "Underlying hazardous constituents" in characteristic wastes, according to the definition at 268.2(i).

DYNECOL

DYNECOL, INC.

6520 GEORGIA STREET
DETROIT, MICHIGAN 48211
PHONE: (313) 571-7141
FAX: (313) 571-7190

Chemist Names:	Date:	Code:	Approval #:	Order No.:	Drum No.:
	12-01-05	3AE	165083.1		DE-1

Proper DOT Shipping Name: Waste Flammable liquids, N.O.S.

Container Type:	UN/NA Number:	Hazard Class / Packaging Group:
55DF	UN1993	3 PG II

Line No.	Material Description	Material Quantity	RQ	EPA Waste Code Number
01	Grease Mixed w/ Kerosene	1 x 20lbs		D018
02				
03	Coolants w/ Kerosene	2 x 1pt, 1 x 5gal		D001, D018
04	Kerosene			
05	Paint (Oil) w/ petroleum	2 x 1qt		D001
06	Distillates			
07	Masonary Sealer w/ mineral	1 x 1gal		D001
08	spirits			
09	Contact Cement w/ MEK,	1 x 1qt		D001, D035
10	Toluene			
11				
12				
13				
14				
15				
16				
17				
18	THIS LAB PACK IS			
19	CERTIFIED ACCORDING TO			
20	DYNECOL ACT 451 PERMIT			
21	SECTION C-2b			
22				
23				
24				
25				
26				
27				
28				
29				
30				
	TOTAL QUANTITY			

Chemist Verification _____ This Lab Pack List continues: Yes ☐ No ☒ This is page ____ of ____

SUBPART CC
WASTE DETERMINATION SUPPORT FORM

Waste Approval Number: 165083.1

Customer Generator Code: S1

Does the composition of the waste indicate a VO concentration in excess of 500 ppm of the compounds listed in 40 CFR 265 Appendix VI:

Yes X No_____

Has the generator circled "YES or NO" to "Organics" in section II of the waste approval form:

Yes X No_____

Has the generator certified that this material "Does" or "Does Not" contain VO concentrations in excess of 500 ppm:

Does X Does Not_____

Is additional information available regarding this waste from the same waste generated from different locations (Please identify all approval numbers):

_____

Based on the above information, is this waste regulated under 40 CFR 265 Subpart CC:

Yes X No_____

This determination was made/updated by:

Signature 12/1/05 Date

Signature Date

Signature Date

December 2, 2005

Christopher McBee
Double Eagle Steel
3000 Miller Road
Dearborn, MI 48120

Dear Chris:

Dynecol, Inc. is pleased to provide the following quotation for managing the waste stream outlined in our Waste Approval Acknowledgement.

Based on evaluation and analysis of the representative sample, pricing is as follows:

Approval Number: 165083.1 **Effective Date:** December 1, 2005

Waste Common Name: Labpack (DE-1)

Price: **Per:** 55 Gallon Drum

Freight:

Minimum Disposal Charge:

Quote Firm For: **Payment Terms:** Net 45 Days

This quotation is based upon information summarized in Dynecol's Waste Approval Acknowledgement (attached). Upon Dynecol's receipt of the waste shipment, any variation in waste parameters may result in a surcharge or rejection of the waste. Non-RCRA empty tankers (40 CFR 261.7 (b)) will incur a minimum $150.00 wash-out fee for the first hour. Each additional hour is billed at $ 100.00 per hour. Excessive solids will be surcharged an additional $ 200.00 per cubic yard.

Thank you for the opportunity to quote on your waste management requirements. If you have any questions, please call your sales representative.

Sincerely,

Terry Howes
Field Services Manager

WASTE APPROVAL ACKNOWLEDGMENT

December 2, 2005

Customer Information:	Double Eagle Steel 3000 Miller Road Dearborn, MI 48120	
Generator Information:	Double Eagle Steel Coating 3000 Miller Rd. Dearborn, MI 48120	
Approval Number:	165083.1	Expiration Date: December 2, 2006
Waste Common Name:	Labpack (DE-1)	
Waste Codes:	D035 D001 D018	

FINGERPRINT PARAMETERS

Flash Point:	<140		
Number Of Phases:			
Color:			
Odor:			
Specific Gravity:	1.000	to	1.000
% Solids:		to	
% Acid:		to	
pH:		to	

Dynecol, Inc. is a permitted hazardous waste facility properly licensed to receive this waste. Non-comforming waste shipments may result in rejection of material.

Fingerprint information is based upon representative sample submitted.

Please review this information and contact us with any discrepancies.

DYNECOL, INC.

6520 GEORGIA STREET
DETROIT, MICHIGAN 48211
PHONE: (313) 571-7141
FAX: (313) 571-7190

Chemist Names:	Date:	Code:	Approval #:	Order No.:	Drum No.:
	12-01-05	17	165083.2		DE-2

Proper DOT Shipping Name: Non Haz Waste Liquid

Container Type:	UN/NA Number:	Hazard Class / Packaging Group:
SSDF	—	NH

Line No.	Material Description	Material Quantity	RQ	EPA Waste Code Number
01	Latex Paint	1x1gal 1x1qt		029L
02	Hydraulic Oil	3x5gal		021L
03				
04				
05				
06				
07				
08				
09				
10				
11				
12				
13				
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25				
26				
27				
28				
29				
30				
	TOTAL QUANTITY			

THIS LAB PACK IS CERTIFIED ACCORDING TO DYNECOL ACT 451 PERMIT SECTION C-2b

Chemist Verification _____ This Lab Pack List continues: Yes ☐ No ☒ This is page ____ of ____

DYNECOL

DYNECOL, INC.
6520 GEORGIA STREET
DETROIT, MICHIGAN 48211
PHONE: (313) 571-2141
FAX: (313) 571-2105

WASTE APPROVAL FORM

Approval Number	165056		Cust./Gen.Code:		51
Generator Name:	Double Eagle Steel Coating Company				
Address:	3000 Miller Road				
City:	Dearborn	State:	Mi	Zip Code:	48120
Contact Name:	Chris McBee				
Phone Number:	313-203-9829		Fax Number:		313-203-9705
24 Hour Emergency #:					
EPA ID Number:	MID 981 092 190		SIC Code:		

Customer Name:	Double Eagle Steel Coating Company				
Customer Contact:	Chris McBee				
Address:	3000 Miller Road				
City:	Dearborn	State:	MI	Zip Code:	48120
Phone Number:	313-203-9829		Fax Number:		313-203-9705
24 Hour Emergency #:					

Waste Common Name:	Tank 12 Hoses

Specific Process Generating the waste:

Discarded rubber hoses used to transfer caustic solution to Tank 12. The hoses are old and have been cut up into small pieces and placed into drums. Hoses may contain residual tank 12 solution. Tank 12 (Dynecol Approval # 3754) is a caustic solution used to clean steel to remove oil and dirt prior to galvanizing operations.

Constituent	Actual % of representative sample	Min. % of waste stream	Max. % of waste stream
PPE	5	0	5
Rubber Hoses	85		>95
Water	5		
Sodium Hydroxide	2		
Sodium Metaphosphate	1		
Oil	1		
Sodium Carbonate	1		

A. Michigan Act 451 and EPA 40 CFR Information: (For the following, please use SW 846 test method for determination)

1. Is this a hazardous waste as defined by either R299.9212-9214 or 261 Subpart B,C, or D?

Check One: __X__ YES _____ NO

a) *IF YES*, please list all applicable waste codes:

D002

b) *IF NO*, please list all applicable non-hazardous waste codes as defined by Michigan Act 451 Part 121:

2. Does this waste indicate a volatile organic concentration in excess of 500 ppm or the compounds listed in 40 CFR 265 Appendix VI?:

Check One: _____ YES __X__ NO

a) *IF YES*, please indicate constituents and concentrations:

3. Does the analysis indicate PCB's above the detection limit?

Check One: _____ YES __X__ NO

a) *IF YES*, does the waste contain PCB contamination from a source with a concentration greater than or equal to 50 ppm?

Check One: _____ YES _____ NO

B. Benzene/NESHAP Information (For the following, please use SW 846 method 8020 and/or EPA 602 and/or 624 for determination)

1. Does the waste stream have a benzene concentration of 10 ppm or more?

   Check One: ____ YES X NO

   IF YES, please indicate total benzene concentration of waste:

2. Does the waste stream contain greater than 10% water ?

   Check One: ____ Yes _X_ NO

3. Does the generator manage wastes from facilities with Total Annual Benzene (TAB) greater or equal to 10 mg/year?

   Check One: ____ Yes X NO

   IF YES, please indicate TAB quantity for generator facility:

C. Land Disposal Restriction Information (For the following, please see 40 CFR part 268.2 for definitions)

1. Does the waste stream contain less than 1% by weight Total Organic Carbon (TOC) and less than 1% by weight Total Suspended Solids?

   Check One: ____ YES (wastewater) _X_ NO (Non-wastewater)

Color	Varies		Phases
pH	10 to >12.5		■ Single Layer
☐ Liquid	■ Sludge/Slurry	☐ Solid	☐ Double Layer
Odor:			☐ Multi-Layer
■ None	☐ Strong	☐ Mild	

A. Determination of shipping name as defined by 29 CFR 172.101: CM 11/23/05

1. Proper Shipping Name:	RQ. Waste Corrosive Liquid, Basic, Inorganic (sodium hydroxide)					
2. Hazard Class: 8	3. UN/NA Number: UN3266					
4. Packing Group (Circle one):	I			III	None	
B. Shipping Container (Circle one)	Bulk	Drums	Pails	Totes	Roll Off	Other:
C. Waste Volume	4					
D. Shipping Frequency (Circle one)	Weekly	Monthly	Quarterly		One Time Only	

Please list any additional comments concerning this waste stream below:

A. Authorization to correct material profile sheet

I Christopher McBee (generator signature) hereby give authorization for Dynecol, Inc. to make corrections with oral authorization to establish consistency with the results of sample analysis and/or applicable federal and state regulations and the information on this profile. These changes WILL NOT include the addition or removal of waste codes and waste constituents which must have written authorization to be changed by the generator. I understand that Dynecol reserves the right to reject any material that does not conform to specifications described in profile.

B. Certification

I certify, under penalty of law, that I have personally examined, and am familiar with, the waste profiled through knowledge of the waste, and I believe the information submitted to be true, accurate, and complete.

Christopher McBee	ENVIRONMENTAL ENGINEER
Generator Name (Please print or type)	**Title**
CHRISTOPHER McBee	NOVEMBER 23, 2005
Generator Signature	**Date**

Please list any revisions made to form

Revision	Date of Revision	Generator Authorization

A. Approval Information

CMF WASTES:		PLANT WASTES:	
Primary outbound approval number	London	Plant treatment code	
Off-site management code		On-site management code:	

WAF Initiator signature:			
Approved by:	(B)	Date:	12/1/2005

$155/Drum

DYNECOL
MID 074259565

DYNECOL INC
(313) 571-7[illegible]

CERTIFICATION FORM
(Submit with waste approval package)

UNDERLYING CONSTITUENTS/VOLATILE ORGANIC COMPOUNDS (VOC)

APPROVAL NUMBER: 165056 **EPA ID NUMBER:** MID 981092190

GENERATOR NAME: DOUBLE EAGLE STEEL

EPA HAZARDOUS WASTE NUMBERS: D002

MANIFEST NUMBER (IF APPLICABLE): _____

PLEASE PLACE A CHECK MARK IN THE APPROPRIATE BOX:

- [ ] THIS WASTE IS NOT PROHIBITED FROM LAND DISPOSAL. (NOTE – ADDITIONAL CERTIFICATIONS MAY BE REQUIRED)
- [X] THIS WASTE IS PROHIBITED FROM LAND DISPOSAL.
- [X] THE WASTE DOES NOT CONTAIN UNDERLYING HAZARDOUS CONSTITUENTS LISTED IN 40 CFR 268.48 TABLE UTS-UNIVERSAL TREATMENT STANDARDS (EXCLUDING FLUORIDE, VANADIUM AND/OR ZINC).
- [ ] THE WASTE DOES CONTAIN UNDERLYING HAZARDOUS CONSTITUENTS LISTED IN 40 CFR 268.48 TABLE UTS-UNIVERSAL TREATMENT STANDARDS (EXCLUDING FLUORIDE, VANADIUM AND/OR ZINC).
- [X] THE WASTE DOES NOT CONTAIN VOLATILE ORGANIC COMPOUNDS GREATER THAN 500 PPM.
- [X] ~~THE WASTE DOES CONTAIN VOLATILE ORGANIC COMPOUNDS GREATER THAN 500 PPM.~~ OH 11/23/05

NOTE: ADDITIONAL INFORMATION AS REQUIRED PER 40 CFR 268.7 GENERAL PAPERWORK REQUIREMENTS TABLE CAN BE FOUND IN THE ATTACHED DYNECOL WASTE APPROVAL FORM.

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE WASTE THROUGH ANALYSIS AND TESTING OR THROUGH KNOWLEDGE OF THE WASTE, AND BELIEVE THAT THE INFORMATION I SUBMITTED IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING A FALSE CERTIFICATION, INCLUDING A POSSIBILITY OF A FINE AND/OR IMPRISONMENT.

Christopher McBee	CHRISTOPHER McBEE	11/23/05
AUTHORIZED SIGNATURE	PRINTED NAME	DATE

ANALYTICAL RESULTS

Clayton GROUP SERVICES

Date: *30-Aug-02*

CLIENT: DOUBLE EAGLE STEEL COATING COMPANY
Client Sample ID: TK-12
Work Order No: 02080659
Tag Number:
Project:
Collection Date: 08/21/2002
Lab ID: 02080659-002A
Matrix: AQUEOUS

Analyses	Result	Reporting Limit	Qual	Units	DF	Date Analyzed
IGNITABILITY; METHOD EPA 1010						Analyst: **LRB**
Ignitability	>200	0		°F	1	08/26/2002
PCBS BY GC; METHOD EPA 8082						Analyst: **PKT**
Aroclor 1016	ND	0.40		µg/L	1	08/28/2002
Aroclor 1221	ND	0.40		µg/L	1	08/28/2002
Aroclor 1232	ND	0.40		µg/L	1	08/28/2002
Aroclor 1242	ND	0.40		µg/L	1	08/28/2002
Aroclor 1248	ND	0.40		µg/L	1	08/28/2002
Aroclor 1254	ND	0.40		µg/L	1	08/28/2002
Aroclor 1260	ND	0.40		µg/L	1	08/28/2002
PH; METHOD EPA 150.1						Analyst: **MJR**
pH	12	1.0		pH Units	1	08/23/2002
REACTIVE CYANIDE, EPA SW 846 CHAPTER 7.3.3.2						Analyst: **KAR**
Reactive Cyanide	ND	0.10		mg/L	1	08/27/2002
REACTIVE SULFIDE; EPA SW 846 CHAPTER 7.3.4.2						Analyst: **KAR**
Reactive Sulfide	ND	100		mg/L	1	08/27/2002
TOTAL ORGANIC CARBON; METHOD: EPA 415.2						Analyst: **SUB**
Total Organic Carbon	2,000	500		mg/L	1	08/27/2002

Qualifiers:

ND - Not Detected at the Reporting Limit (RL).
J - Analyte detected below the Reporting Limit
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
T - Tentatively Identified Compound (TIC)

ANALYTICAL RESULTS

Clayton GROUP SERVICES

Date: *30-Aug-02*

CLIENT: DOUBLE EAGLE STEEL COATING COMPANY
Client Sample ID: TK-12
Work Order No: 02080659
Tag Number:
Project:
Collection Date: 08/21/2002
Lab ID: 02080659-002B
Matrix: LEACHATE

Analyses	Result	Reporting Limit	Qual	Units	DF	Date Analyzed
ICP METALS;LEACHATE: METHOD EPA 6010B						Analyst: **DH**
Arsenic	ND	0.10		mg/L	1	08/28/2002
Barium	0.26	0.10		mg/L	1	08/28/2002
Cadmium	ND	0.020		mg/L	1	08/28/2002
Chromium	ND	0.10		mg/L	1	08/28/2002
Lead	ND	0.10		mg/L	1	08/28/2002
Selenium	ND	0.20		mg/L	1	08/28/2002
Silver	ND	0.020		mg/L	1	08/28/2002
MERCURY; METHOD EPA 1311/7470A						Analyst: **DH**
Mercury	ND	0.0010		mg/L	1	08/28/2002

Qualifiers:

ND - Not Detected at the Reporting Limit (RL).
J - Analyte detected below the Reporting Limit
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
T - Tentatively Identified Compound (TIC)

22345 Roethel Drive
Novi, MI 48375
248.344.1770
Fax 248.344.2654

Clayton
GROUP SERVICES

August 30, 2002

Mark Gornick
DOUBLE EAGLE STEEL COATING COMPANY
3000 Miller Road
Dearborn, MI 48120-

Clayton Work Order No. 02080659

Reference:

Dear Mark Gornick:

Clayton Group Services received 2 samples on 8/21/2002 for the analyses presented in the following report.

Enclosed is a copy of the Chain-of-Custody record acknowledging receipt of these samples. Please note that any unused portion of the samples will be discarded 30 days after the date of this report, unless you have requested otherwise.

This material is confidential and is intended solely for the person to whom it is addressed. If this is received in error, please contact the number provided below.

We appreciate the opportunity to assist you. If you have any questions concerning this report, please contact a Client Services Representative at (800) 806-5887.

Sincerely,

Karen Coonan

Karen Coonan
Client Services Representative

cc:

Clayton GROUP SERVICES

CASE NARRATIVE

Date: *30-Aug-02*

CLIENT: DOUBLE EAGLE STEEL COATING COMPANY

Project:

Work Order No 02080659

Analytical comments:
The Clayton Novi Laboratory is NELAP and AIHA accredited. These accreditations require that we provide the following information on each report: As an analytical result progresses above the reporting limit (RL), it has less variability than a result reported at, or near, the RL.

Samples were received on August 21, 2002 at an average temperature of 15.5 degrees Celsius.

Total Organic Carbon was subcontracted to Lancaster Laboratories, Lancaster, PA.

Analytical Comments for Method 8082W, sample -001A: Regulatory limits of detection could not be achieved due to sample matrix and limited sample volume.

Analytical Comments for Method 8082W, sample -002A: Regulatory limits of detection could not be achieved due to sample matrix and limited sample volume.

DYNECOL, INC.
6520 GEORGIA STREET
DETROIT, MICHIGAN 48211
PHONE: (313) 571-7140
FAX: (313) 571-7190

WASTE APPROVAL FORM

I. General Information

Approval Number	164768		**Cust./Gen.Code:**	51	
Generator Name:	Double Eagle				
Address:	3000 Miller Rd.				
City:	Dearborn	**State:**	MI	**Zip Code:**	48120
Contact Name:	Chris McBee				
Phone Number:	313-363-1902		**Fax Number:**	313-203-9705	
24 Hour Emergency #:					
EPA ID Number:	MID981092190		**SIC Code:**		
Customer Name:	SAME				
Customer Contact:					
Address:					
City:		**State:**		**Zip Code:**	
Phone Number:			**Fax Number:**		
24 Hour Emergency #:					

II. Waste Description

Waste Common Name: Alloy Tank Skimming Solids

Specific Process Generating the waste:

Removal of oil and dirt from the top of the alloy plating tank. Alloy plating tank holds plating solution used for electrogalvanizing operations. Zinc plating on carbon steel (Plant Approval # 5258). Source of oil and dirt is from maintenance activities at the plant. Small amounts of oil & dirt fall into the open top plating cells during day to day activities. Analysis attached is representative of both the alloy plating solution and the oil & dirt that is skimmed off the top. Attached 4/29/05 TCLP metals analysis is from this drum. Dynecol approval 115277 is the same waste with greater than 80% free liquids.

DYNECOL INC. Waste Approval Form PAGE 2 Approval Number

II. Waste Composition (Must equal 100%)

Constituent	Actual % of representative sample	Min. % of waste stream	Max. % of waste stream
Oil/dirt/iron chloride	>96		
Hydrochloric acid	<1		
Water	<1		
Zinc	<1		
Citric Acid	<1		

III. Waste Characterization

A. Michigan Act 451 and EPA 40 CFR Information: (For the following, please use SW 846 test method for determination)

1. Is this a hazardous waste as defined by either R299.9212-9214 or 261 Subpart B,C, or D?

Check One: __X___ **YES** _____ **NO**

a) *IF YES,* please list all applicable waste codes:

D007

b) *IF NO*, please list all applicable non-hazardous waste codes as defined by Michigan Act 451 Part 121:

2. Does this waste indicate a volatile organic concentration in excess of 500 ppm or the compounds listed in 40 CFR 265 Appendix VI?:

Check One: _____ **YES** __X___ **NO**

a) *IF YES*, please indicate constituents and concentrations:

3. Does the analysis indicate PCB's above the detection limit?

Check One: _____ **YES** __X___ **NO**

a) IF YES, does the waste contain PCB contamination from a source with a concentration greater than or equal to 50 ppm?

Check One: _____ **YES** _____ **NO**

DYNECOL, INC. Waste Approval Form PAGE 3 Approval Number:

III. Waste Characterization (continued)

B. Benzene/NESHAP Information (For the following, please use SW 846 method 8020 and/or EPA 602 and/or 624 for determination)

1. Does the waste stream have a benzene concentration of 10 ppm or more?

Check One: _____ **YES** __X__ **NO**

IF YES, please indicate total benzene concentration of waste:

2. Does the waste stream contain greater than 10% water ?

Check One: _____ **Yes** __X__ **NO**

3. Does the generator manage wastes from facilities with Total Annual Benzene (TAB) greater or equal to 10 mg/year?

Check One: _____ **Yes** __X__ **NO**

IF YES, please indicate TAB quantity for generator facility:

C. Land Disposal Restriction Information (For the following, please see 40 CFR part 268.2 for definitions)

1. Does the waste stream contain less than 1% by weight Total Organic Carbon (TOC) and less than 1% by weight Total Suspended Solids?

Check One: _____ **YES** (wastewater) __x__ **NO** (Non-wastewater)

IV. General Characteristics (at 70 degrees F unless otherwise specified)

Color	brown/black/gray		Phases
pH	4 to 7		■ Single Layer
☐ Liquid	■ Sludge/Slurry	☐ Solid	☐ Double Layer
Odor:			☐ Multi-Layer
■ None	☐ Strong	☐ Mild	

V. Shipping Information

A. Determination of shipping name as defined by 29 CFR 172.101:

1. Proper Shipping Name:	RQ, Hazardous Waste Liquid, N.O.S. (chromium)				
2. Hazard Class: 9	3. UN/NA Number: NA3082				
4. Packing Group (Circle one):	I	II		III	None
B. Shipping Container (Circle one)	Bulk	Drums	Pails	Totes	Roll Off	Other:
C. Waste Volume	1				
D. Shipping Frequency (Circle one)	Weekly	Monthly	Quarterly	Yearly	One Time Only

DYNECOL, INC. Waste Approval Form PAGE 2 of 2 Approval Number

VII. Comments/Caption

Please list any additional comments concerning this waste stream below:

VIII. Generator Authorizations

A. Authorization to correct material profile sheet

I CHRISTOPHER McBee (generator signature) hereby give authorization for Dynecol, Inc. to make corrections with oral authorization to establish consistency with the results of sample analysis and/or applicable federal and state regulations and the information on this profile. These changes WILL NOT include the addition or removal of waste codes and waste constituents which must have written authorization to be changed by the generator. I understand that Dynecol reserves the right to reject any material that does not conform to specifications described in profile.

B. Certification

I certify, under penalty of law, that I have personally examined, and am familiar with, the waste profiled through knowledge of the waste, and I believe the information submitted to be true, accurate, and complete.

CHRISTOPHER McBee	ENVIRONMENTAL ENGINEER
Generator Name (Please print or type)	Title
Christopher McBee	9/13/05
Generator Signature	Date

IX. Revision Section

Please list any revisions made to form

Revision	Date of Revision	Generator Authorization

X. Dynecol Use Only

A. Approval Information

CMF WASTES:		PLANT WASTES:	
Primary outbound approval number	L - 390	Plant treatment code	
Off-site management code		On-site management code:	

WAF Initiator signature:

Approved by:	S. O. Mard	Date:	9/14/2005

$155/Drum

DYNECOL
MID 074259565

DYNECOL, INC.
(313) 571-2144

CERTIFICATION FORM

(Submit with waste approval package)

UNDERLYING CONSTITUENTS/VOLATILE ORGANIC COMPOUNDS (VOC)

APPROVAL NUMBER: 164768 **EPA ID NUMBER:** MID 981 042 196

GENERATOR NAME: Double Eagle

EPA HAZARDOUS WASTE NUMBERS: D007

MANIFEST NUMBER (IF APPLICABLE): _____

PLEASE PLACE A CHECK MARK IN THE APPROPRIATE BOX:

- [ ] THIS WASTE IS NOT PROHIBITED FROM LAND DISPOSAL, (NOTE – ADDITIONAL CERTIFICATIONS MAY BE REQUIRED)
- [x] THIS WASTE IS PROHIBITED FROM LAND DISPOSAL.
- [ ] THE WASTE DOES NOT CONTAIN UNDERLYING HAZARDOUS CONSTITUENTS LISTED IN 40 CFR 268.48 TABLE UTS-UNIVERSAL TREATMENT STANDARDS (EXCLUDING FLUORIDE, VANADIUM AND/OR ZINC).
- [x] THE WASTE DOES CONTAIN UNDERLYING HAZARDOUS CONSTITUENTS LISTED IN 40 CFR 268.48 TABLE UTS-UNIVERSAL TREATMENT STANDARDS (EXCLUDING FLUORIDE, VANADIUM AND/OR ZINC).
- [x] THE WASTE DOES NOT CONTAIN VOLATILE ORGANIC COMPOUNDS GREATER THAN 500 PPM.
- [ ] THE WASTE DOES CONTAIN VOLATILE ORGANIC COMPOUNDS GREATER THAN 500 PPM.

NOTE; ADDITIONAL INFORMATION AS REQUIRED PER 40 CFR 268.7 GENERAL PAPERWORK REQUIREMENTS TABLE CAN BE FOUND IN THE ATTACHED DYNECOL WASTE APPROVAL FORM.

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE WASTE THROUGH ANALYSIS AND TESTING OR THROUGH KNOWLEDGE OF THE WASTE, AND BELIEVE THAT THE INFORMATION I SUBMITTED IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING A FALSE CERTIFICATION, INCLUDING A POSSIBILITY OF A FINE AND/OR IMPRISONMENT.

Christopher McBee	CHRISTOPHER M BEE	9/13/05
AUTHORIZED SIGNATURE	PRINTED NAME	DATE

TABLE UTS-- 268.48 UNIVERSAL TREATMENT STANDARDS

ORGANIC CONSTITUENTS	WW-mg/L	NWW-mg/kg	ORGANIC CONSTITUENTS	WW-mg/L	NWW-mg/kg	ORGANIC CONSTITUENTS	WW-mg/L	NWW-mg/kg	ORGANIC CONSTITUENTS	WW-mg/L	NWW-mg/kg
A2213	0.042	1.4	m-Cresol	0.11	5.6	Fluoranthene	0.068	3.4	Phenol	0.039	6.2
[illegible]aphthene	0.059	3.4	p-Cresol	0.77	5.6	Fluorene	0.059	3.4	o-Phenylenediamine	0.056	5.6
[illegible]aphthylene	0.059	3.4	o-Cresol	0.77	5.6	Formetanate hydrochloride	0.056	1.4	Phorate	0.021	4.6
Acetone	0.28	160	m-Cumenyl methylcarbamate	0.056	1.4	Formparanate	0.056	1.4	Phthalic acid	0.055	28
Acetonitrile	5.6	38	Cyclohexanone	0.36	75 mg/L	Heptachlor	0.0012	0.066	Phthalic anhydride	0.055	28
Acetophenone	0.010	9.7	o,p'-DDD	0.023	0.087	Heptachlor epoxide	0.016	0.0066	Physostigmine	0.056	1.4
2-Acetylaminofluorene	0.059	140	p,p'-DDD	0.023	0.087	Hexachlorobenezene	0.055	10	Physostigmine salicylate	0.056	1.4
Acrolein	0.29	NA	o,p'-DDE	0.031	0.087	Hexachlorobutadiene	0.055	5.6	Promecarb	0.056	1.4
Acrylamide	19	23	p,p'-DDE	0.031	0.087	Hexachlorocyclopentadiene	0.057	2.4	Pronamide	0.093	1.5
Acrylonitrile	0.24	84	o,p'-DDT	0.0039	0.087	hexachlorodibenzo-furans	0.000063	0.001	Propham	0.056	1.4
Aldecarb sulfone	0.056	0.28	p,p'-DDT	0.0039	0.087	Hexachlorodibenzo-p-dioxins	0.000063	0.001	Propoxur	0.056	1.4
Aldrin	0.021	0.066	Dibenz(a,h)anthracene	0.055	8.2	Hexachloroethane	0.055	30	Prosulfocarb	0.042	1.4
4-Aminobiphenyl	0.13	NA	Dibenzo(a,e)pyrene	0.061	NA	Hexachloropropylene	0.035	30	Pyrene	0.067	8.2
Aniline	0.81	14	1,2-Dibromo-3-chloropropane	0.11	15	Indeno(1,2,3-c,d) pyrene	0.0055	3.4	Pyridine	0.014	16
Anthracene	0.059	3.4	1,2-Dibromoethane(Ethylene dibromide)	0.028	15	Iodomethane	0.19	65	Safrole	0.081	22
Aramite	0.36	NA	Dibromoethane	0.11	15	Isobutanol	5.6	170	1,2,4,5-Tetrachlorobenzene	0.055	14
Barban	0.056	1.4	m-Dichlorobenzene	0.036	6.0	Isodrin	0.021	0.066	Tetrachlorodibenzo-furans	0.000063	0.001
Bendiocarb	0.056	1.4	o-Dichlorobenzene	0.088	6.0	Isolan	0.056	1.4	Tetrachlorodibenzo-p-dioxins	0.000063	0.001
Bendiocarb phenol	0.056	1.4	p-Dichlorobenzene	0.09	6.0	Isosafrole	0.081	2.6	1,1,1,2-Tetrachloroethane	0.057	6.0
Benomyl	0.056	1.4	Dichlorodifluoromethane	0.23	7.2	Kepone	0.0011	0.13	1,1,2,2-Tetrachloroethane	0.057	6.0
alpha-BHC	0.0001	0.066	1,1-Dichloroethane	0.059	6.0	Methacrylonitrile	0.24	84	Tetrachloroethylene	0.056	6.0
beta-BHC	0.0001	0.066	1,2-Dichloroethane	0.21	6.0	Methanol	5.6	75 mg/L	2,3,4,6-Tetrachlorophenol	0.030	7.4
delta-BHC	0.023	0.066	1,1-Dichloroethylene	0.025	6.0	Methapyrilene	0.081	1.5	Thiodicarb	0.019	1.4
gamma-BHC	0.0017	0.066	trans-1,2-Dichloroethylene	0.054	30	Methiocarb	0.056	1.4	Thiophanate-methyl	0.056	1.4
Benzal Chloride	0.055	6.0	2,4-Dichlorophenol	0.044	14	Methomyl	0.028	0.14	Tirpate	0.056	0.28
Benz(a)anthracene	0.059	3.5	2,6-Dichlorophenol	0.044	14	Methoxychlor	0.25	0.18	Toluene	0.080	10
Benzene	0.14	10	2,4-D	0.72	10	3-Methylchoanthrene	0.0055	15	Toxaphene	0.0095	2.6
Benzo(b)fluoranthene	0.11	6.8	1,2-Dichloropropane	0.85	18	4,4-Methylene bis(2-chloraniline)	0.50	30	Triallate	0.042	1.4
Benzo(k)fluoranthene	0.11	6.8	cis-1,3-Dichlorpropylene	0.036	18	Methylene chloride	0.089	30	1,2,4-Trichlorobenzene	0.055	19
Benzo(g,h,I) perylene	0.0055	1.8	trans-1,3-Dichchloropropylene	0.036	18	Methyl ethyl ketone	0.28	36	1,1,1-Trichloroethane	0.054	6.0
Benzo(a) pyrene	0.061	3.4	Dieldrin	0.017	0.13	Methyl isobutyl ketone	0.14	33	1,1,2-Trichloroethane	0.054	6.0
bis(2-Chloroethoxy) methane	0.036	7.2	Diethyl phthalate	0.20	28	Methyl methacrylate	0.14	160	Trichloroethylene	0.054	6.0
bis(2-Chloroethyl) ether	0.033	6.0	Diethylene glycol, dicarbamate	0.056	1.4	Methyl methansulfonate	0.018	NA	Trichlorofluoromethane	0.020	30
bis(2-Ethylhexyl) phthalate	0.28	28	p-Dimethylaminoazobenzen	0.13	NA	Methyl parathion	0.014	4.6	2,4,5-Trichlorophenol	0.018	7.4
Bromodichloromethane	0.35	15	2,4-Dimethylphenol	0.036	14	Metolcarb	0.056	1.4	2,4,6-Trichlorophenol	0.035	7.4
Bromoform (Tribromomethane)	0.63	15	Dimethyl phthalate	0.047	28	Mexacarbate	0.056	1.4	2,4,5-T	0.72	7.9
Bromomethane (Methyl bromide)	0.11	15	Dimetilan	0.056	1.4	Molinate	0.042	1.4	2,4,5-TP (Silvex)	0.72	7.9
4-Bromophenyl phenyl ether	0.055	15	Di-n-butyl phthalate	0.057	28	2-Naphthylamine	0.52	NA	1,2,3-Trichloropropane	0.85	30
n-Butanol (n-Butyl alcohol)	5.6	2.6	1,4-Dinitrobenzene	0.32	2.3	Naphthalene	0.059	5.6	1,1,2-Trichloro-1,2,2-trifluoroethane	0.057	30
Butyl benzyl phhthalate	0.017	28	4,6-Dinitro-o-cresol	0.28	160	o-Nitroaniline	0.27	14	Triethylamine	0.081	1.5
Butylate	0.042	1.4	2,4-Dinitrophenol	0.12	160	p-Nitrolaniline	0.028	28	Tris(2,3-Dibromopropyl) phosphate	0.11	0.10
2-sec-Butyl-4,6-dinitrophenol (Dinoseb)	0.066	2.5	2,4-Dinitrotoluene	0.32	140	Nitrobenezene	0.068	14	Vernolate	0.042	1.4
Carbaryl	0.006	0.14	2,6-Dinitrotoluene	0.55	28	5-Nitro-o-toluidine	0.32	28	Vinyl chloride	0.27	6.0
Carbendazim	0.056	1.4	Di-n-octyl phthalate	0.017	28	o-Nitrophenol	0.028	13	Xylene-sum of mixed isomers	0.32	30
Carbofuran	0.006	0.14	Di-n-propylnitrosamine	0.40	14	p-Nitrophenol	0.12	29	METALS AND INORGANICS	WW-mg/L	NWW-mg/L
Carbofuran phenol	0.056	1.4	1,4-Dioxane	12.0	170	N-Nitroso-di-n-butylamine	0.40	17	Antimony	1.9	1.15
Carbon disulfide	3.8	4.8 mg/L	Diphenylamine	0.92	13	N-Nitrosodiethylamine	0.40	28	Arsenic	1.4	5.0
Carbon tetrachloride	0.057	6.0	Diphenylnitrosamine	0.92	13	N-Nitrosodimethylamine	0.40	2.3	Barium	1.2	21
Carbosulfan	0.028	1.4	1,2-Diphenyl hydrazine	0.087	NA	N-Nitrosomethylethylamine	0.40	2.3	Beryllium	0.82	1.22
Chlordane (alpha and gamma)	0.0033	0.26	Disulfoton	0.017	6.2	N-Nitrosomorpholine	0.40	2.3	Cadmium	0.69	0.11
p-Chloroaniline	0.46	16	Dithiocarbamates (total)	0.028	28	N-Nitrosopiperidine	0.013	35	Chromium (Total)	2.77	0.60
Chlorobenzene	0.057	6.0	Endosulfan I	0.023	0.066	N-Nitrosopyrrolidine	0.013	35	Cyanide (Total)	1.2	590
Chlorobenzilate	0.10	NA	Endosulfan II	0.029	0.13	Oxamyl	0.056	0.28	Cyanide (Amenable)	0.86	30
2-Chloro-1,3-butadiene	0.057	0.28	Endosulfan sulfate	0.029	0.13	Parathion	0.014	4.6	Fluoride*	35	NA
Chlorodibromomethane	0.057	15	Endrin	0.0028	0.13	Total PCB's	0.10	10	Lead	0.69	0.75
Chloroethane	0.27	6.0	Endrin aldehyde	0.025	0.13	Pebulate	0.042	1.4	Mercury (retort residues)	NA	0.20
C[illegible]form	0.046	6.0	EPTC	0.042	1.4	Pentachlorobenzene	0.055	10	Mercury (all others)	0.15	0.025
p-Chloro-m-cresol	0.018	14	Ethyl acetate	0.34	33	Pentachlorodibenzo-p-dioxins	0.000063	0.001	Nickel	3.98	11
2-Chloroethyl vinyl ether	0.062	NA	Ethyl benzene	0.057	10	Pentachlordibenzo-furans	0.000035	0.001	Selenium	0.82	5.7
Chloromethane (Methyl Chloride)	0.19	30	Ethyl cyanide (Propanenitrile)	0.24	360	Pentachloroethane	0.055	6.0	Silver	0.43	0.14
2-Chloronaphthalene	0.055	5.6	Ethyl ether	0.12	160	Pentachloronitrobenzene	0.055	4.8	Sulfide	14	NA
2-Chlorophenol	0.044	5.7	Ethyl methacrylate	0.14	160	Pentachlorophenol	0.089	7.4	Thallium	1.4	0.20
3-Chloropropylene	0.036	30	Ethylene oxide	0.12	NA	Phenacetin	0.081	16	Vanadium*	4.3	1.6
Chrysene	0.059	3.4	Famphur	0.017	15	Phenanthrene	0.059	5.6	Zinc*	2.61	4.3

* Fluoride, Vanadium, and Zinc are not "Underlying hazardous constituents" in characteristic wastes, according to the definition at 268.2(i).

22345 Roethel Drive
Novi, MI 48375
248.344.1770
Fax 248.344.2654

Clayton GROUP SERVICES

April 29, 2005

Christopher McBee
DOUBLE EAGLE STEEL COATING COMPANY
3000 Miller Road
Dearborn, MI 48120-

Clayton Work Order No. 05040641

Reference:

Dear Christopher McBee:

Clayton Group Services received 8 samples on 4/14/05 for the analyses presented in the following report.

Enclosed is a copy of the Chain-of-Custody record, acknowledging receipt of these samples. Please note that any unused portion of the samples will be discarded 30 days after the date of this report, unless you have requested otherwise.

This material is confidential and is intended solely for the person to whom it is addressed. If this is received in error, please contact the number provided below.

We appreciate the opportunity to assist you. If you have any questions concerning this report, please contact a Client Services Representative at (800) 806-5887.

Sincerely,

Karen Coonan

Karen Coonan
Client Services Representative

cc:

ANALYTICAL RESULTS

Date: *29-Apr-05*

CLIENT:	DOUBLE EAGLE STEEL COATING COMPANY	**Client Sample ID:**	DE 8 ALLOY TANK SKIMMING
Work Order No:	05040641	**Tag Number:**	
Project:		**Collection Date:**	4/7/05 11:00:00 AM
Lab ID:	05040641-006B	**Matrix:**	LEACHATE

Analyses	Result	Reporting Limit	Qual	Units	DF	Date Analyzed	Analyst
ICP METALS;LEACHATE: METHOD EPA 1311/6010B							
Arsenic	ND	0.10		mg/L	1	4/21/05	CAW
Barium	0.40	0.10		mg/L	1	4/21/05	CAW
Cadmium	ND	0.050		mg/L	1	4/21/05	CAW
Chromium	1.4	0.10		mg/L	1	4/21/05	CAW
Lead	ND	0.10		mg/L	1	4/21/05	CAW
Selenium	ND	0.20		mg/L	1	4/21/05	CAW
Silver	ND	0.020		mg/L	1	4/21/05	CAW
MERCURY; LEACHED: METHOD EPA 1311/7470A							
Mercury	ND	0.0010		mg/L	1	4/21/05	CAW

Qualifiers:

ND - Not Detected at the Reporting Limit (RL).
J - Analyte detected below the Reporting Limit
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
T - Tentatively Identified Compound (TIC)

22345 Roethel Drive
Novi, MI 48375
248.347.1700
Fax 248.344.2654

Clayton GROUP SERVICES

February 19, 2004

MARK GORNICK
DIRECTOR EAGLE STEEL COATING COMPANY
9000 Miller Road
Dearborn, MI 48120-

Clayton Work Order No. 04020459

Reference:

Dear Mark Gornick:

Clayton Group Services received 1 sample on 2/13/2004 for the analyses presented in the following report.

Enclosed is a copy of the Chain-of-Custody record, acknowledging receipt of these samples. Please note that any unused portion of the samples will be discarded 30 days after the date of this report, unless you have requested otherwise.

This material is confidential and is intended solely for the person to whom it is addressed. If this is received in error, please contact the number provided below.

We appreciate the opportunity to assist you. If you have any questions concerning this report, please contact a Client Services Representative at (800) 806-5887.

Sincerely,

Karen Coonan
Client Services Representative

cc:

CASE NARRATIVE

Date: *19-Feb-04*

CLIENT: DOUBLE EAGLE STEEL COATING COMPANY

Project:

Work Order No 04020459

Analytical comments:
The Clayton Novi Laboratory is NELAP and AIHA accredited. These accreditations require that we provide the following information on each report: As an analytical result progresses above the reporting limit (RL), it has less variability than a result reported at, or near, the RL.

Samples were received at the laboratory at an average temperature of 1.8°C.

ANALYTICAL RESULTS

CLIENT: DOUBLE EAGLE STEEL COATING COMPANY **Date:** *19-Feb-04*

Work Order No: 04020459 **Client Sample ID:** ALLOY TANK SKIMMING

Project: **Tag Number:**

Lab ID: 04020459-001B **Collection Date:** 2/11/2004

Matrix: LEACHATE

Analyses	Result	Reporting Limit	Qual	Units	DF	Date Analyzed	Analyst
ICP METALS;LEACHATE: METHOD EPA 6010B							
Arsenic	ND	0.10		mg/L	1	2/17/2004	DH
Barium	ND	0.10		mg/L	1	2/17/2004	DH
Cadmium	0.14	0.050		mg/L	1	2/17/2004	DH
Chromium	6.9	0.10		mg/L	1	2/17/2004	DH
Lead	ND	0.10		mg/L	1	2/17/2004	DH
Selenium	ND	0.20		mg/L	1	2/17/2004	DH
Silver	ND	0.020		mg/L	1	2/17/2004	DH
MERCURY; LEACHED: METHOD EPA 7470A							
Mercury	0.0010	0.0010		mg/L	1	2/18/2004	RS

Qualifiers:

ND - Not Detected at the Reporting Limit (RL).
J - Analyte detected below the Reporting Limit
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
T - Tentatively Identified Compound (TIC)

DYNECOL, INC.
6520 GEORGIA STREET
DETROIT, MICHIGAN 48211
PHONE: (313) 571-7140
FAX: (313) 571-7190

WASTE APPROVAL FORM

I. General Information

Approval Number	164747		**Cust./Gen.Code:**		51
Generator Name:	DOUBLE EAGLE STEEL COATING				
Address:	3000 MILLER ROAD				
City:	DEARBORN	**State:**	MI	**Zip Code:**	48120
Contact Name:	CHRIS MCBEE				
Phone Number:	313-203-9829		**Fax Number:**		
24 Hour Emergency #:					
EPA ID Number:	MID981092190		**SIC Code:**		
Customer Name:	SAME AS ABOVE				
Customer Contact:					
Address:					
City:		**State:**		**Zip Code:**	
Phone Number:			**Fax Number:**		
24 Hour Emergency #:					

II. Waste Description

Waste Common Name:	LABPACKS

Specific Process Generating the waste:

OBSOLETE/ DISCARDED VIRGIN AND USED LAB CHEMICALS FOR DISPOSAL.

DYNECOL, INC. Waste Approval Form PAGE 2 Approval Number

II. Waste Composition (Must equal 100%)

Constituent	Actual % of representative sample	Min. % of waste stream	Max. % of waste stream
	SEE SHIPPERS		

III. Waste Characterization

A. Michigan Act 451 and EPA 40 CFR Information: (For the following, please use SW 846 test method for determination)

1. Is this a hazardous waste as defined by either R299.9212-9214 or 261 Subpart B,C, or D?

   Check One: _____ **YES** _____ **NO**

   a) *IF YES,* please list all applicable waste codes:

   b) *IF NO*, please list all applicable non-hazardous waste codes as defined by Michigan Act 451 Part 121:

2. Does this waste indicate a volatile organic concentration in excess of 500 ppm or the compounds listed in 40 CFR 265 Appendix VI?:

   Check One: _____ **YES** _____ **NO**

   a) *IF YES*, please indicate constituents and concentrations:

3. Does the analysis indicate PCB's above the detection limit?

   Check One: _____ **YES** _____ **NO**

   a) IF YES, does the waste contain PCB contamination from a source with a concentration greater than or equal to 50 ppm?

   Check One: _____ **YES** _____ **NO**

III. Waste Characterization (continued)

B. Benzene/NESHAP Information (For the following, please use SW 846 method 8020 and/or EPA 602 and/or 624 for determination)

1. Does the waste stream have a benzene concentration of 10 ppm or more?

   Check One: _____ **YES** _____ **NO**

   IF YES, please indicate total benzene concentration of waste:

2. Does the waste stream contain greater than 10% water ?

   Check One: _____ **Yes** _____ **NO**

3. Does the generator manage wastes from facilities with Total Annual Benzene (TAB) greater or equal to 10 mg/year?

   Check One: _____ **Yes** _____ **NO**

   IF YES, please indicate TAB quantity for generator facility:

C. Land Disposal Restriction Information (For the following, please see 40 CFR part 268.2 for definitions)

1. Does the waste stream contain less than 1% by weight Total Organic Carbon (TOC) and less than 1% by weight Total Suspended Solids?

   Check One: _____ **YES** (wastewater) _____ **NO** (Non-wastewater)

IV. General Characteristics (at 70 degrees F unless otherwise specified)

Color	SEE SHIPPERS	Phases
pH		☐ Single Layer
☐ Liquid ☐ Sludge/Slurry ☐ Solid		☐ Double Layer
Odor:		☐ Multi-Layer
☐ None ☐ Strong ☐ Mild		

V. Shipping Information

A. Determination of shipping name as defined by 29 CFR 172.101:

1. Proper Shipping Name:	SEE SHIPPERS					
2. Hazard Class:	3. UN/NA Number:					
4. Packing Group (Circle one):	I		II		III	None
B. Shipping Container (Circle one)	Bulk	Drums	Pails	Totes	Roll Off	Other:
C. Waste Volume						
D. Shipping Frequency (Circle one)	Weekly		Monthly	Quarterly	Yearly	One Time Only

DYNECOL, INC. Waste Approval Form PAGE 4 Approval Number

VII. Comment Section

Please list any additional comments concerning this waste stream below:

VIII. Generator Authorizations

A. Authorization to correct material profile sheet

I _____(generator signature) hereby give authorization for Dynecol, Inc. to make corrections with oral authorization to establish consistency with the results of sample analysis and/or applicable federal and state regulations and the information on this profile. These changes WILL NOT include the addition or removal of waste codes and waste constituents which must have written authorization to be changed by the generator. I understand that Dynecol reserves the right to reject any material that does not conform to specifications described in profile.

B. Certification

I certify, under penalty of law, that I have personally examined, and am familiar with, the waste profiled through knowledge of the waste, and I believe the information submitted to be true, accurate, and complete.

CHRISTOPHER McBee	ENVIRONMENTAL ENGINEER
Generator Name (Please print or type)	**Title**
Christopher McBee	9/9/05
Generator Signature	**Date**

IX. Revision Section

Please list any revisions made to form

Revision	Date of Revision	Generator Authorization

X. Dynecol Use only

A. Approval Information

CMF WASTES:		**PLANT WASTES:**	
Primary outbound approval number		Plant treatment code	
Off-site management code		On-site management code:	

WAF Initiator signature:			
Approved by:		Date:	9/9/05

DYNECOL
MID 074259565

DYNECOL, INC.
(313) 571-7141

CERTIFICATION FORM

(Submit with waste approval package)

UNDERLYING CONSTITUENTS/VOLATILE ORGANIC COMPOUNDS (VOC)

APPROVAL NUMBER: 164767.1 **EPA ID NUMBER:** MID981092190

GENERATOR NAME: Double Eagle Steel

EPA HAZARDOUS WASTE NUMBERS: D018, D001

MANIFEST NUMBER (IF APPLICABLE): N/A

PLEASE PLACE A CHECK MARK IN THE APPROPRIATE BOX:

- [ ] THIS WASTE IS NOT PROHIBITED FROM LAND DISPOSAL. (NOTE – ADDITIONAL CERTIFICATIONS MAY BE REQUIRED)
- [x] THIS WASTE IS PROHIBITED FROM LAND DISPOSAL.
- [ ] THE WASTE DOES NOT CONTAIN UNDERLYING HAZARDOUS CONSTITUENTS LISTED IN 40 CFR 268.48 TABLE UTS-UNIVERSAL TREATMENT STANDARDS (EXCLUDING FLUORIDE, VANADIUM AND/OR ZINC).
- [x] THE WASTE DOES CONTAIN UNDERLYING HAZARDOUS CONSTITUENTS LISTED IN 40 CFR 268.48 TABLE UTS-UNIVERSAL TREATMENT STANDARDS (EXCLUDING FLUORIDE, VANADIUM AND/OR ZINC).
- [ ] THE WASTE DOES NOT CONTAIN VOLATILE ORGANIC COMPOUNDS GREATER THAN 500 PPM.
- [x] THE WASTE DOES CONTAIN VOLATILE ORGANIC COMPOUNDS GREATER THAN 500 PPM.

NOTE: ADDITIONAL INFORMATION AS REQUIRED PER 40 CFR 268.7 GENERAL PAPERWORK REQUIREMENTS TABLE CAN BE FOUND IN THE ATTACHED DYNECOL WASTE APPROVAL FORM.

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE WASTE THROUGH ANALYSIS AND TESTING OR THROUGH KNOWLEDGE OF THE WASTE, AND BELIEVE THAT THE INFORMATION I SUBMITTED IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING A FALSE CERTIFICATION, INCLUDING A POSSIBILITY OF A FINE AND/OR IMPRISONMENT.

Christopher McBee — AUTHORIZED SIGNATURE

CHRISTOPHER MCBEE — PRINTED NAME

9/9/05 — DATE

TABLE UTS– 268.48 UNIVERSAL TREATMENT STANDARDS

ORGANIC CONSTITUENTS	WW-mg/L	NWW-mg/kg
A2213	0.042	1.4
Acenaphthene	0.059	3.4
Acenaphthylene	0.059	3.4
Acetone	0.28	160
Acetonitrile	5.6	38
Acetophenone	0.010	9.7
2-Acetylaminofluorene	0.059	140
Acrolein	0.29	NA
Acrylamide	19	23
Acrylonitrile	0.24	84
Aldecarb sulfone	0.056	0.28
Aldrin	0.021	0.066
4-Aminobiphenyl	0.13	NA
Aniline	0.81	14
Anthracene	0.059	3.4
Aramite	0.36	NA
Barban	0.056	1.4
Bendiocarb	0.056	1.4
Bendiocarb phenol	0.056	1.4
Benomyl	0.056	1.4
alpha-BHC	0.0001	0.066
beta-BHC	0.0001	0.066
delta-BHC	0.023	0.066
gamma-BHC	0.0017	0.066
Benzal Chloride	0.055	6.0
Benz(a)anthracene	0.059	3.5
Benzene	0.14	10
Benzo(b)fluoranthene	0.11	6.8
Benzo(k)fluoranthene	0.11	6.8
Benzo(g,h,I) perylene	0.0055	1.8
Benzo(a) pyrene	0.061	3.4
bis(2-Chloroethoxy) methane	0.036	7.2
bis(2-Chloroethyl) ether	0.033	6.0
bis(2-Ethylhexyl) phthalate	0.28	28
Bromodichloromethane	0.35	15
Bromoform (Tribromomethane)	0.63	15
Bromomethane (Methyl bromide)	0.11	15
4-Bromophenyl phenyl ether	0.055	15
n-Butanol (n-Butyl alcohol)	5.6	2.6
Butyl benzyl phhthalate	0.017	28
Butylate	0.042	1.4
2-sec-Butyl-4,6-dinitrophenol (Dinoseb)	0.066	2.5
Carbaryl	0.006	0.14
Carbendazim	0.056	1.4
Carbofuran	0.006	0.14
Carbofuran phenol	0.056	1.4
Carbon disulfide	3.8	4.8 mg/L
Carbon tetrachloride	0.057	6.0
Carbosulfan	0.028	1.4
Chlordane (alpha and gamma)	0.0033	0.26
p-Chloroaniline	0.46	16
Chlorobenzene	0.057	6.0
Chlorobenzilate	0.10	NA
2-Chloro-1,3-butadiene	0.057	0.28
Chlorodibromomethane	0.057	15
Chloroethane	0.27	6.0
roform	0.046	6.0
p-Chloro-m-cresol	0.018	14
2-Chloroethyl vinyl ether	0.062	NA
Chloromethane (Methyl Chloride)	0.19	30
2-Chloronaphthalene	0.055	5.6
2-Chlorophenol	0.044	5.7
3-Chloropropylene	0.036	30
Chrysene	0.059	3.4

ORGANIC CONSTITUENTS	WW-mg/L	NWW-mg/kg
m-Cresol	0.11	5.6
p-Cresol	0.77	5.6
o-Cresol	0.77	5.6
m-Cumenyl methylcarbamate	0.056	1.4
Cyclohexanone	0.36	75 mg/L
o,p'-DDD	0.023	0.087
p,p'-DDD	0.023	0.087
o,p'-DDE	0.031	0.087
p,p'-DDE	0.031	0.087
o,p'-DDT	0.0039	0.087
p,p'-DDT	0.0039	0.087
Dibenz(a,h)anthracene	0.055	8.2
Dibenzo(a,c)pyrene	0.061	NA
1,2-Dibromo-3-chloropropane	0.11	15
1,2-Dibromoethane(Ethylene dibromide)	0.028	15
Dibromoethane	0.11	15
m-Dichlorobenzene	0.036	6.0
o-Dichlorobenzene	0.088	6.0
p-Dichlorobenzene	0.09	6.0
Dichlorodifluoromethane	0.23	7.2
1,1-Dichloroethane	0.059	6.0
1,2-Dichloroethane	0.21	6.0
1,1-Dichloroethylene	0.025	6.0
trans-1,2-Dichloroethylene	0.054	30
2,4-Dichlorophenol	0.044	14
2,6-Dichlorophenol	0.044	14
2,4-D	0.72	10
1,2-Dichloropropane	0.85	18
cis-1,3-Dichlorpropylene	0.036	18
trans-1,3-Dichchloropropylene	0.036	18
Dieldrin	0.017	0.13
Diethyl phthalate	0.20	28
Diethylene glycol, dicarbamate	0.056	1.4
p-Dimethylaminoazobenzen	0.13	NA
2,4-Dimethylphenol	0.036	14
Dimethyl phthalate	0.047	28
Dimetilan	0.056	1.4
Di-n-butyl phthalate	0.057	28
1,4-Dinitrobenzene	0.32	2.3
4,6-Dinitro-o-cresol	0.28	160
2,4-Dinitrophenol	0.12	160
2,4-Dinitrotoluene	0.32	140
2,6-Dinitrotoluene	0.55	28
Di-n-octyl phthalate	0.017	28
Di-n-propylnitrosamine	0.40	14
1,4-Dioxane	12.0	170
Diphenylamine	0.92	13
Diphenylnitrosamine	0.92	13
1,2-Diphenyl hydrazine	0.087	NA
Disulfoton	0.017	6.2
Dithiocarbamates (total)	0.028	28
Endosulfan I	0.023	0.066
Endosulfan II	0.029	0.13
Endosulfan sulfate	0.029	0.13
Endrin	0.0028	0.13
Endrin aldehyde	0.025	0.13
EPTC	0.042	1.4
Ethyl acetate	0.34	33
Ethyl benzene	0.057	10
Ethyl cyanide (Propanenitrile)	0.24	360
Ethyl ether	0.12	160
Ethyl methacrylate	0.14	160
Ethylene oxide	0.12	NA
Famphur	0.017	15

ORGANIC CONSTITUENTS	WW-mg/L	NWW-mg/kg
Fluoranthene	0.068	3.4
Fluorene	0.059	3.4
Formetanate hydrochloride	0.056	1.4
Formparanate	0.056	1.4
Heptachlor	0.0012	0.066
Heptachlor epoxide	0.016	0.0066
Hexachlorobenezene	0.055	10
Hexachlorobutadiene	0.055	5.6
Hexachlorocyclopentadiene	0.057	2.4
hexachlorodibenzo-furans	0.000063	0.001
Hexachlorodibenzo-p-dioxins	0.000063	0.001
Hexachloroethane	0.055	30
Hexachloropropylene	0.035	30
Indeno(1,2,3-c,d) pyrene	0.0055	3.4
Iodomethane	0.19	65
Isobutanol	5.6	170
Isodrin	0.021	0.066
Isolan	0.056	1.4
Isosafrole	0.081	2.6
Kepone	0.0011	0.13
Methacrylonitrile	0.24	84
Methanol	5.6	.75 mg/L
Methapyrilene	0.081	1.5
Methiocarb	0.056	1.4
Methomyl	0.028	0.14
Methoxychlor	0.25	0.18
3-Methylchoanthrene	0.0055	15
4,4-Methylene bis(2-chloroaniline)	0.50	30
Methylene chloride	0.089	30
Methyl ethyl ketone	0.28	36
Methyl isobutyl ketone	0.14	33
Methyl methacrylate	0.14	160
Methyl methansulfonate	0.018	NA
Methyl parathion	0.014	4.6
Metolcarb	0.056	1.4
Mexacarbate	0.056	1.4
Molinate	0.042	1.4
2-Naphthylamine	0.52	NA
Naphthalene	0.059	5.6
o-Nitroaniline	0.27	14
p-Nitrolaniline	0.028	28
Nitrobenezene	0.068	14
5-Nitro-o-toluidine	0.32	28
o-Nitrophenol	0.028	13
p-Nitrophenol	0.12	29
N-Nitroso-di-n-butylamine	0.40	17
N-Nitrosodiethylamine	0.40	28
N-Nitrosodimethylamine	0.40	2.3
N-Nitrosomethylethylamine	0.40	2.3
N-Nitrosomorpholine	0.40	2.3
N-Nitrosopiperidine	0.013	35
N-Nitrosopyrrolidine	0.013	35
Oxamyl	0.056	0.28
Parathion	0.014	4.6
Total PCB's	0.10	10
Pebulate	0.042	1.4
Pentachlorobenzene	0.055	10
Pentachlorodibenzo-p-dioxins	0.000063	0.001
Pentachlordibenzo-furans	0.000035	0.001
Pentachloroethane	0.055	6.0
Pentachloronitrobenzene	0.055	4.8
Pentachlorophenol	0.089	7.4
Phenacetin	0.081	16
Phenanthrene	0.059	5.6

ORGANIC CONSTITUENTS	WW-mg/L	NWW-mg/kg
Phenol	0.039	6.2
o-Phenylenediamine	0.056	5.6
Phorate	0.021	4.6
Phthalic acid	0.055	28
Phthalic anhydride	0.055	28
Physostigmine	0.056	1.4
Physostigmine salicylate	0.056	1.4
Promecarb	0.056	1.4
Pronamide	0.093	1.5
Propham	0.056	1.4
Propoxur	0.056	1.4
Prosulfocarb	0.042	1.4
Pyrene	0.067	8.2
Pyridine	0.014	16
Safrole	0.081	22
1,2,4,5-Tetrachlorobenzene	0.055	14
Tetrachlorodibenzo-furans	0.000063	0.001
Tetrachlorodibenzo-p-dioxins	0.000063	0.001
1,1,1,2-Tetrachloroethane	0.057	6.0
1,1,2,2-Tetrachloroethane	0.057	6.0
Tetrachloroethylene	0.056	6.0
2,3,4,6-Tetrachlorophenol	0.030	7.4
Thiodicarb	0.019	1.4
Thiophanate-methyl	0.056	1.4
Tirpate	0.056	0.28
Toluene	0.080	10
Toxaphene	0.0095	2.6
Triallate	0.042	1.4
1,2,4-Trichlorobenzene	0.055	19
1,1,1-Trichloroethane	0.054	6.0
1,1,2-Trichloroethane	0.054	6.0
Trichloroethylene	0.054	6.0
Trichlorofluoromethane	0.020	30
2,4,5-Trichlorophenol	0.018	7.4
2,4,6-Trichlorophenol	0.035	7.4
2,4,5-T	0.72	7.9
2,4,5-TP (Silvex)	0.72	7.9
1,2,3-Trichloropropane	0.85	30
1,1,2-Trichloro-1,2,2-trifluoroethane	0.057	30
Triethylamine	0.081	1.5
Tris(2,3-Dibromopropyl) phosphate	0.11	0.10
Vernolate	0.042	1.4
Vinyl chloride	0.27	6.0
Xylene-sum of mixed isomers	0.32	30
METALS AND INORGANICS	**WW-mg/L**	**NWW-mg/L**
Antimony	1.9	1.15
Arsenic	1.4	5.0
Barium	1.2	21
Beryllium	0.82	1.22
Cadmium	0.69	0.11
Chromium (Total)	2.77	0.60
Cyanide (Total)	1.2	590
Cyanide (Amenable)	0.86	30
Fluoride*	35	NA
Lead	0.69	0.75
Mercury (retort residues)	NA	0.20
Mercury (all others)	0.15	0.025
Nickel	3.98	11
Selenium	0.82	5.7
Silver	0.43	0.14
Sulfide	14	NA
Thallium	1.4	0.20
Vanadium*	4.3	1.6
Zinc*	2.61	4.3

* Fluoride, Vanadium, and Zinc are not "Underlying hazardous constituents" in characteristic wastes, according to the definition at 268.2(i).

DYNECOL

DYNECOL, INC.

6520 GEORGIA STREET
DETROIT, MICHIGAN 48211
PHONE: (313) 571-7141
FAX: (313) 571-7190

Chemist Names:	Date:	Code:	Approval #:	Order No.:	Drum No.:
BB	9/9/05	D	164767.1		DE-001

Proper DOT Shipping Name: Waste Flammable liquids, [redacted] toxic, n.o.s.

Container Type:	UN/NA Number:	Hazard Class / Packaging Group:	
55DF	UN199[redacted]2	3	PG II

Line No.	Material Description	Material Quantity	RQ	EPA Waste Code Number
01	PPG Paint w/ xylenes, ethyl	2x5gal, 6x1gal		D001, D018
02	benzene, petroleum Distillates			
03				
04				
05				
06				
07				
08				
09				
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12				
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14				
15				
16				
17				
18				
19				
20				
21				
22				
23	THIS LAB PACK IS			
24	CERTIFIED ACCORDING TO			
25	DYNECOL ACT 451 PERMIT			
26	SECTION C-2b			
27				
8				
29				
30				
	TOTAL QUANTITY			

Chemist Verification _____ This Lab Pack List continues: Yes ☐ No ☒ This is page ____ of ____

SUBPART CC
WASTE DETERMINATION SUPPORT FORM

Waste Approval Number: 164767.1

Customer Generator Code: 51

Does the composition of the waste indicate a VO concentration in excess of 500 ppm of the compounds listed in 40 CFR 265 Appendix VI:

Yes X No_____

Has the generator circled "YES or NO" to "Organics" in section II of the waste approval form:

Yes X No_____

Has the generator certified that this material "Does" or "Does Not" contain VO concentrations in excess of 500 ppm:

Does X Does Not_____

Is additional information available regarding this waste from the same waste generated from different locations (Please identify all approval numbers):

_____

Based on the above information, is this waste regulated under 40 CFR 265 Subpart CC:

Yes X No_____

This determination was made/updated by:

Signature 9-12-05 Date

Signature Date

Signature Date

DYNECOL
MID 074259565

DYNECOL, INC.
(313) 571-7141

CERTIFICATION FORM

(Submit with waste approval package)

UNDERLYING CONSTITUENTS/VOLATILE ORGANIC COMPOUNDS (VOC)

APPROVAL NUMBER: 164767B.2 **EPA ID NUMBER:** MID981092190

GENERATOR NAME: Double Eagle Steel

EPA HAZARDOUS WASTE NUMBERS: D002

MANIFEST NUMBER (IF APPLICABLE): NA

PLEASE PLACE A CHECK MARK IN THE APPROPRIATE BOX:

- [ ] THIS WASTE IS NOT PROHIBITED FROM LAND DISPOSAL. (NOTE – ADDITIONAL CERTIFICATIONS MAY BE REQUIRED)
- [x] THIS WASTE IS PROHIBITED FROM LAND DISPOSAL.
- [x] THE WASTE DOES NOT CONTAIN UNDERLYING HAZARDOUS CONSTITUENTS LISTED IN 40 CFR 268.48 TABLE UTS-UNIVERSAL TREATMENT STANDARDS (EXCLUDING FLUORIDE, VANADIUM AND/OR ZINC).
- [ ] THE WASTE DOES CONTAIN UNDERLYING HAZARDOUS CONSTITUENTS LISTED IN 40 CFR 268.48 TABLE UTS-UNIVERSAL TREATMENT STANDARDS (EXCLUDING FLUORIDE, VANADIUM AND/OR ZINC).
- [x] THE WASTE DOES NOT CONTAIN VOLATILE ORGANIC COMPOUNDS GREATER THAN 500 PPM.
- [ ] THE WASTE DOES CONTAIN VOLATILE ORGANIC COMPOUNDS GREATER THAN 500 PPM.

NOTE: ADDITIONAL INFORMATION AS REQUIRED PER 40 CFR 268.7 GENERAL PAPERWORK REQUIREMENTS TABLE CAN BE FOUND IN THE ATTACHED DYNECOL WASTE APPROVAL FORM.

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE WASTE THROUGH ANALYSIS AND TESTING OR THROUGH KNOWLEDGE OF THE WASTE, AND BELIEVE THAT THE INFORMATION I SUBMITTED IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING A FALSE CERTIFICATION, INCLUDING A POSSIBILITY OF A FINE AND/OR IMPRISONMENT.

Christopher McBee	CHRISTOPHER McBee	9/9/05
AUTHORIZED SIGNATURE	PRINTED NAME	DATE

DYNECOL

DYNECOL, INC.

6520 GEORGIA STREET
DETROIT, MICHIGAN 48211
PHONE: (313) 571-7141
FAX: (313) 571-7190

Chemist Names:	Date:	Code:	Approval #:	Order No.:	Drum No.:
BB	9/9/05	8 caustic	164767B.2		DE - 2

Proper DOT Shipping Name: Waste Corrosive liquids, n.e.s.

Container Type:	UN/NA Number:	Hazard Class / Packaging Group:
5DF	UN 1760	8 PG II

Line No.	Material Description	Material Quantity	RQ	EPA Waste Code Number
01	PPG Sealer w/ triethanolamine,	1X1qt		D002
02	propylene diamine (NO flash)			
03				
04				
05				
06				
07				
08				
09				
10				
11				
12				
13				
14				
15				
16				
17				
18				
19				
20				
21				
22				
23				
24				
25	THIS LAB PACK IS			
26	CERTIFIED ACCORDING TO			
27	DYNECOL ACT 451 PERMIT			
28	SECTION C-2b			
29				
30				
	TOTAL QUANTITY			

Chemist Verification _____ This Lab Pack List continues: Yes ☐ No ☒ This is page _____ of _____

SUBPART CC
WASTE DETERMINATION SUPPORT FORM

Waste Approval Number: 164767B.2

Customer Generator Code: 51

Does the composition of the waste indicate a VO concentration in excess of 500 ppm of the compounds listed in 40 CFR 265 Appendix VI:

Yes_____ No X

Has the generator circled "YES or NO" to "Organics" in section II of the waste approval form:

Yes_____ No X

Has the generator certified that this material "Does" or "Does Not" contain VO concentrations in excess of 500 ppm:

Does_____ Does Not X

Is additional information available regarding this waste from the same waste generated from different locations (Please identify all approval numbers):

_____

Based on the above information, is this waste regulated under 40 CFR 265 Subpart CC:

Yes_____ No X

This determination was made/updated by:

Signature 9-12-05 Date

Signature Date

Signature Date

DYNECOL
MID 074259565

DYNECOL, INC.
(313) 571-7141

CERTIFICATION FORM

(Submit with waste approval package)

UNDERLYING CONSTITUENTS/VOLATILE ORGANIC COMPOUNDS (VOC)

APPROVAL NUMBER: 164767B.3 **EPA ID NUMBER:** MID981092190

GENERATOR NAME: Double Eagle Steel

EPA HAZARDOUS WASTE NUMBERS: D001, D018, D035

MANIFEST NUMBER (IF APPLICABLE): N/A

PLEASE PLACE A CHECK MARK IN THE APPROPRIATE BOX:

- [ ] THIS WASTE IS NOT PROHIBITED FROM LAND DISPOSAL. (NOTE – ADDITIONAL CERTIFICATIONS MAY BE REQUIRED)
- [x] THIS WASTE IS PROHIBITED FROM LAND DISPOSAL.
- [ ] THE WASTE DOES NOT CONTAIN UNDERLYING HAZARDOUS CONSTITUENTS LISTED IN 40 CFR 268.48 TABLE UTS-UNIVERSAL TREATMENT STANDARDS (EXCLUDING FLUORIDE, VANADIUM AND/OR ZINC).
- [x] THE WASTE DOES CONTAIN UNDERLYING HAZARDOUS CONSTITUENTS LISTED IN 40 CFR 268.48 TABLE UTS-UNIVERSAL TREATMENT STANDARDS (EXCLUDING FLUORIDE, VANADIUM AND/OR ZINC).
- [ ] THE WASTE DOES NOT CONTAIN VOLATILE ORGANIC COMPOUNDS GREATER THAN 500 PPM.
- [x] THE WASTE DOES CONTAIN VOLATILE ORGANIC COMPOUNDS GREATER THAN 500 PPM.

NOTE: ADDITIONAL INFORMATION AS REQUIRED PER 40 CFR 268.7 GENERAL PAPERWORK REQUIREMENTS TABLE CAN BE FOUND IN THE ATTACHED DYNECOL WASTE APPROVAL FORM.

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE WASTE THROUGH ANALYSIS AND TESTING OR THROUGH KNOWLEDGE OF THE WASTE, AND BELIEVE THAT THE INFORMATION I SUBMITTED IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING A FALSE CERTIFICATION, INCLUDING A POSSIBILITY OF A FINE AND/OR IMPRISONMENT.

Christopher McBee	CHRISTOPHER MCBEE	9/9/05
AUTHORIZED SIGNATURE	PRINTED NAME	DATE

TABLE UTS– 268.48 UNIVERSAL TREATMENT STANDARDS

ORGANIC CONSTITUENTS	WW-mg/L	NWW-mg/L	ORGANIC CONSTITUENTS	WW-mg/L	NWW-mg/L	ORGANIC CONSTITUENTS	WW-mg/L	NWW-mg/L	ORGANIC CONSTITUENTS	WW-mg/L	NWW-mg/L
A2213	0.042	1.4	m-Cresol	0.11	5.6	Fluoranthene	0.068	3.4	Phenol	0.039	6.2
Acenaphthene	0.059	3.4	p-Cresol	0.77	5.6	Fluorene	0.059	3.4	o-Phenylenediamine	0.056	5.6
Acenaphthylene	0.059	3.4	o-Cresol	0.77	5.6	Formetanate hydrochloride	0.056	1.4	Phorate	0.021	4.6
Acetone	0.28	160	m-Cumenyl methylcarbamate	0.056	1.4	Formparanate	0.056	1.4	Phthalic acid	0.055	28
Acetonitrile	5.6	38	Cyclohexanone	0.36	75 mg/L	Heptachlor	0.0012	0.066	Phthalic anhydride	0.055	28
Acetophenone	0.010	9.7	o,p'-DDD	0.023	0.087	Heptachlor epoxide	0.016	0.0066	Physostigmine	0.056	1.4
2-Acetylaminofluorene	0.059	140	p,p'-DDD	0.023	0.087	Hexachlorobenezene	0.055	10	Physostigmine salicylate	0.056	1.4
Acrolein	0.29	NA	o,p'-DDE	0.031	0.087	Hexachlorobutadiene	0.055	5.6	Promecarb	0.056	1.4
Acrylamide	19	23	p,p'-DDE	0.031	0.087	Hexachlorocyclopentadiene	0.057	2.4	Pronamide	0.093	1.5
Acrylonitrile	0.24	84	o,p'-DDT	0.0039	0.087	hexachlorodibenzo-furans	0.000063	0.001	Propham	0.056	1.4
Aldecarb sulfone	0.056	0.28	p,p'-DDT	0.0039	0.087	Hexachlorodibenzo-p-dioxins	0.000063	0.001	Propoxur	0.056	1.4
Aldrin	0.021	0.066	Dibenz(a,h)anthracene	0.055	8.2	Hexachloroethane	0.055	30	Prosulfocarb	0.042	1.4
4-Aminobiphenyl	0.13	NA	Dibenzo(a,e)pyrene	0.061	NA	Hexachloropropylene	0.035	30	Pyrene	0.067	8.2
Aniline	0.81	14	1,2-Dibromo-3-chloropropane	0.11	15	Indeno(1,2,3-c,d) pyrene	0.0055	3.4	Pyridine	0.014	16
Anthracene	0.059	3.4	1,2-Dibromoethane(Ethylene dibromide)	0.028	15	Iodomethane	0.19	65	Safrole	0.081	22
Aramite	0.36	NA	Dibromoethane	0.11	15	Isobutanol	5.6	170	1,2,4,5-Tetrachlorobenzene	0.055	14
Barban	0.056	1.4	m-Dichlorobenzene	0.036	6.0	Isodrin	0.021	0.066	Tetrachlorodibenzo-furans	0.000063	0.001
Bendiocarb	0.056	1.4	o-Dichlorobenzene	0.088	6.0	Isolan	0.056	1.4	Tetrachlorodibenzo-p-dioxins	0.000063	0.001
Bendiocarb phenol	0.056	1.4	p-Dichlorobenzene	0.09	6.0	Isosafrole	0.081	2.6	1,1,1,2-Tetrachloroethane	0.057	6.0
Benomyl	0.056	1.4	Dichlorodifluoromethane	0.23	7.2	Kepone	0.0011	0.13	1,1,2,2-Tetrachloroethane	0.057	6.0
alpha-BHC	0.0001	0.066	1,1-Dichloroethane	0.059	6.0	Methacrylonitrile	0.24	84	Tetrachloroethylene	0.056	6.0
beta-BHC	0.0001	0.066	1,2-Dichloroethane	0.21	6.0	Methanol	5.6	75 mg/L	2,3,4,6-Tetrachlorophenol	0.030	7.4
delta-BHC	0.023	0.066	1,1-Dichloroethylene	0.025	6.0	Methapyrilene	0.081	1.5	Thiodicarb	0.019	1.4
gamma-BHC	0.0017	0.066	trans-1,2-Dichloroethylene	0.054	30	Methiocarb	0.056	1.4	Thiophanate-methyl	0.056	1.4
Benzal Chloride	0.055	6.0	2,4-Dichlorophenol	0.044	14	Methomyl	0.028	0.14	Tirpate	0.056	0.28
Benz(a)anthracene	0.059	3.5	2,6-Dichlorophenol	0.044	14	Methoxychlor	0.25	0.18	Toluene	0.080	10
Benzene	0.14	10	2,4-D	0.72	10	3-Methylchoanthrene	0.0055	15	Toxaphene	0.0095	2.6
Benzo(b)fluoranthene	0.11	6.8	1,2-Dichloropropane	0.85	18	4,4-Methylene bis(2-chloroaniline)	0.50	30	Triallate	0.042	1.4
Benzo(k)fluoranthene	0.11	6.8	cis-1,3-Dichlorpropylene	0.036	18	Methylene chloride	0.089	30	1,2,4-Trichlorobenzene	0.055	19
Benzo(g,h,I) perylene	0.0055	1.8	trans-1,3-Dichchloropropylene	0.036	18	Methyl ethyl ketone	0.28	36	1,1,1-Trichloroethane	0.054	6.0
Benzo(a) pyrene	0.061	3.4	Dieldrin	0.017	0.13	Methyl isobutyl ketone	0.14	33	1,1,2-Trichloroethane	0.054	6.0
bis(2-Chloroethoxy) methane	0.036	7.2	Diethyl phthalate	0.20	28	Methyl methacrylate	0.14	160	Trichloroethylene	0.054	6.0
bis(2-Chloroethyl) ether	0.033	6.0	Diethylene glycol, dicarbamate	0.056	1.4	Methyl methansulfonate	0.018	NA	Trichlorofluoromethane	0.020	30
bis(2-Ethylhexyl) phthalate	0.28	28	p-Dimethylaminoazobenzen	0.13	NA	Methyl parathion	0.014	4.6	2,4,5-Trichlorophenol	0.018	7.4
Bromodichloromethane	0.35	15	2,4-Dimethylphenol	0.036	14	Metolcarb	0.056	1.4	2,4,6-Trichlorophenol	0.035	7.4
Bromoform (Tribromomethane)	0.63	15	Dimethyl phthalate	0.047	28	Mexacarbate	0.056	1.4	2,4,5-T	0.72	7.9
Bromomethane (Methyl bromide)	0.11	15	Dimetilan	0.056	1.4	Molinate	0.042	1.4	2,4,5-TP (Silvex)	0.72	7.9
4-Bromophenyl phenyl ether	0.055	15	Di-n-butyl phthalate	0.057	28	2-Naphthylamine	0.52	NA	1,2,3-Trichloropropane	0.85	30
n-Butanol (n-Butyl alcohol)	5.6	2.6	1,4-Dinitrobenzene	0.32	2.3	Naphthalene	0.059	5.6	1,1,2-Trichloro-1,2,2-trifluoroethane	0.057	30
Butyl benzyl phhthalate	0.017	28	4,6-Dinitro-o-cresol	0.28	160	o-Nitroaniline	0.27	14	Triethylamine	0.081	1.5
Butylate	0.042	1.4	2,4-Dinitrophenol	0.12	160	p-Nitrolaniline	0.028	28	Tris(2,3-Dibromopropyl) phosphate	0.11	0.10
2-sec-Butyl-4,6-dinitrophenol (Dinoseb)	0.066	2.5	2,4-Dinitrotoluene	0.32	140	Nitrobenezene	0.068	14	Vernolate	0.042	1.4
Carbaryl	0.006	0.14	2,6-Dinitrotoluene	0.55	28	5-Nitro-o-toluidine	0.32	28	Vinyl chloride	0.27	6.0
Carbendazim	0.056	1.4	Di-n-octyl phthalate	0.017	28	o-Nitrophenol	0.028	13	Xylene-sum of mixed isomers	0.32	30
Carbofuran	0.006	0.14	Di-n-propylnitrosamine	0.40	14	p-Nitrophenol	0.12	29	METALS AND INORGANICS	WW-mg/L	NWW-mg/L
Carbofuran phenol	0.056	1.4	1,4-Dioxane	12.0	170	N-Nitroso-di-n-butylamine	0.40	17	Antimony	1.9	1.15
Carbon disulfide	3.8	4.8 mg/L	Diphenylamine	0.92	13	N-Nitrosodiethylamine	0.40	28	Arsenic	1.4	5.0
Carbon tetrachloride	0.057	6.0	Diphenylnitrosamine	0.92	13	N-Nitrosodimethylamine	0.40	2.3	Barium	1.2	21
Carbosulfan	0.028	1.4	1,2-Diphenyl hydrazine	0.087	NA	N-Nitrosomethylethylamine	0.40	2.3	Beryllium	0.82	1.22
Chlordane (alpha and gamma)	0.0033	0.26	Disulfoton	0.017	6.2	N-Nitrosomorpholine	0.40	2.3	Cadmium	0.69	0.11
p-Chloroaniline	0.46	16	Dithiocarbamates (total)	0.028	28	N-Nitrosopiperidine	0.013	35	Chromium (Total)	2.77	0.60
Chlorobenzene	0.057	6.0	Endosulfan I	0.023	0.066	N-Nitrosopyrrolidine	0.013	35	Cyanide (Total)	1.2	590
Chlorobenzilate	0.10	NA	Endosulfan II	0.029	0.13	Oxamyl	0.056	0.28	Cyanide (Amenable)	0.86	30
2-Chloro-1,3-butadiene	0.057	0.28	Endosulfan sulfate	0.029	0.13	Parathion	0.014	4.6	Fluoride*	35	NA
Chlorodibromomethane	0.057	15	Endrin	0.0028	0.13	Total PCB's	0.10	10	Lead	0.69	0.75
Chloroethane	0.27	6.0	Endrin aldehyde	0.025	0.13	Pebulate	0.042	1.4	Mercury (retort residues)	NA	0.20
Chloroform	0.046	6.0	EPTC	0.042	1.4	Pentachlorobenzene	0.055	10	Mercury (all others)	0.15	0.025
p-Chloro-m-cresol	0.018	14	Ethyl acetate	0.34	33	Pentachlorodibenzo-p-dioxins	0.000063	0.001	Nickel	3.98	11
2-Chloroethyl vinyl ether	0.062	NA	Ethyl benzene	0.057	10	Pentachlordibenzo-furans	0.000035	0.001	Selenium	0.82	5.7
Chloromethane (Methyl Chloride)	0.19	30	Ethyl cyanide (Propanenitrile)	0.24	360	Pentachloroethane	0.055	6.0	Silver	0.43	0.14
2-Chloronaphthalene	0.055	5.6	Ethyl ether	0.12	160	Pentachloronitrobenzene	0.055	4.8	Sulfide	14	NA
2-Chlorophenol	0.044	5.7	Ethyl methacrylate	0.14	160	Pentachlorophenol	0.089	7.4	Thallium	1.4	0.20
3-Chloropropylene	0.036	30	Ethylene oxide	0.12	NA	Phenacetin	0.081	16	Vanadium*	4.3	1.6
Chrysene	0.059	3.4	Famphur	0.017	15	Phenanthrene	0.059	5.6	Zinc*	2.61	4.3

* Fluoride, Vanadium, and Zinc are not "Underlying hazardous constituents" in characteristic wastes, according to the definition at 268.2(i).

DYNECOL

DYNECOL, INC.

6520 GEORGIA STREET
DETROIT, MICHIGAN 48211
PHONE: (313) 571-7141
FAX: (313) 571-7190

Chemist Names:	Date:	Code:	Approval #:	Order No.:	Drum No.:
BB	9/9/05	Aerosols	164767B.3		DE-3

Proper DOT Shipping Name: Waste Aerosols, flammable

Container Type:	UN/NA Number:	Hazard Class / Packaging Group:
5DF	UN 1950	2.1

Line No.	Material Description	Material Quantity	RQ	EPA Waste Code Number
01	Krylon® spray paint w/ toluene	2X 12oz		D001, D018, D035
02	ethylbenzene, xylene, MIBK, MEK,			
03	ethyl acetate			
04				
05				
06				
07				
08				
09				
10				
11				
12				
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16				
17				
18				
19				
20				
21				
22				
23				
24				
25	THIS LAB PACK IS			
26	CERTIFIED ACCORDING TO			
27	DYNECOL ACT 451 PERMIT			
28	SECTION C-2b			
29				
30				
	TOTAL QUANTITY			

Chemist Verification _____ This Lab Pack List continues: Yes ☐ No ☒ This is page _____ of _____

SUBPART CC
WASTE DETERMINATION SUPPORT FORM

Waste Approval Number: 164767 B.3

Customer Generator Code: 51

Does the composition of the waste indicate a VO concentration in excess of 500 ppm of the compounds listed in 40 CFR 265 Appendix VI:

Yes X No_____

Has the generator circled "YES or NO" to "Organics" in section II of the waste approval form:

Yes X No_____

Has the generator certified that this material "Does" or "Does Not" contain VO concentrations in excess of 500 ppm:

Does X Does Not_____

Is additional information available regarding this waste from the same waste generated from different locations (Please identify all approval numbers):

_____

Based on the above information, is this waste regulated under 40 CFR 265 Subpart CC:

Yes X No_____

This determination was made/updated by:

Signature 9-12-05 Date

Signature Date

Signature Date

DYNECOL
MID 074259565

DYNECOL, INC.
6520 GEORGIA STREET
DETROIT, MICHIGAN 48211
PHONE: (313) 571-7141
FAX: (313) 571-7190

Recertification: Y (N)

WASTE APPROVAL FORM

Approval # 164346

Code 51

I GENERAL INFORMATION

Customer: SAME	Generator: Double Eagle Steel Coating
Address:	Address: 3000 Miller Rd.
City:	City: Dearborn
State: Zip Code:	State: MI Zip Code: 48120
Contact:	Contact: Christopher MCBee
Phone #: Fax:	Phone #: 313.203.9829 Fax: 313.203.9705
24 hour phone #:	EPA ID#: MID 981 092 190

II WASTE DESCRIPTION

Waste Common Name: PPE/DEBRIS

Specific Process Generating the Waste: PPE used in cleaning out ferrous chloride tank. See approval # 164333 (SIC code 3471).

WASTE COMPOSITION (must equal 100%):	ACTUAL %	MIN.	MAX.
PPE/DEBRIS	>95		
IRON oxides/Dirt	<5		
ferrous chloride	<.5		

CIRCLE YES (Y) OR NO (N) TO THE FOLLOWING CHARACTERISTICS OR CONTAMINANTS

Carcinogen Y (N) Oxidizer Y (N) Organics Y (N) Explosives Y (N) Phenols Y (N) Hexavalent Chromium Y (N)
Radioactives Y (N) Poison Y (N) PCBs Y (N) Pesticides Y (N)

As defined in 40 CFR 268: (✓) Non-wastewater ( ) Wastewater **LIQUID** (SOLID) **SLURRY**

Sample submitted to Dynecol: (Y) N Color: Varies

III RCRA/ACT 64 WASTE CHARACTERIZATION

This is a **hazardous** waste as defined by either Michigan Act 451 or EPA 40 CFR 261: Yes X No

If yes, list all waste codes: D006, D007, D008

This is a **non-hazardous** waste as defined by Michigan Act 451: Yes ____ No X

If yes, list all waste codes:

This waste contains a toxicity characteristic of 40 CFR 261.24 identified as waste codes D018 through D043:
Yes ____ No X * Unknown ____

If yes, list all waste codes:

* If based on generator knowledge, please read and understand certification in Section VI

IV SHIPPING INFORMATION

Waste Volume: 1 UNIT: (circle one) GALLONS POUNDS DRUMS OTHER

Shipment Frequency: (circle one) WEEK MONTH QUARTER YEAR ONE TIME ONLY

DOT Proper Shipping Name per 49 CFR 172.101:

RQ WASTE CORROSIVE SOLID, N.O.S. (Ferrous Chloride)

DOT Hazard Class: UN/NA Number: Packing Group: I II III None

V COMMENTS

VI GENERATOR CERTIFICATION

I certify under penalty of law that I personally have examined and am familiar with the waste through analysis and testing or through knowledge of the waste, and I believe that the information I submitted is true, accurate and complete.

DOUBLE EAGLE STEEL - CHRISTOPHER MCBEE 5 / 12 / 05

Generator Name (Please print or type) Date

Christopher McBee ENVIRONMENTAL ENGINEER

Generator Signature Title

VII WASTE ANALYSIS

MINIMUM ANALYTICAL REQUIREMENTS FOR HAZARDOUS WASTES ARE (All Methods per SW846):

- Flash, pH, and Reactives (Detection limit of 20ppm for Cyanide and Sulfide)
- PCBs, %HOCs (Method 9020), (Nickel and Thallium as necessary)
- TCLP metals: Arsenic, Barium, Cadmium, Chromium, Lead, Mercury, Selenium, Silver
- Michigan metals: Copper and Zinc (as necessary)

(The above items may be restricted from land disposal.)

LABORATORY ANALYSIS IS ATTACHED FOR THE ABOVE ITEMS:

Yes____ No____ Complete____ Partial____* MSDS____

* ____ Authorization for Dynecol to perform analysis as necessary

Purchase Order #____

VIII DYNECOL USE ONLY

Approval #: 164340

Treatment Facility: CMF: ✓ #250/DM

Approved by: Date:

Expiration date: 5/12/2006

DYNECOL
MID 074259565

DYNECOL, INC.
(313) 571-7141

CERTIFICATION FORM

(Submit with waste approval package)

UNDERLYING CONSTITUENTS/VOLATILE ORGANIC COMPOUNDS (VOC)

APPROVAL NUMBER: 1643 ~~64~~ 66 EPA ID NUMBER: MID 981 092 190

GENERATOR NAME: DOUBLE EAGLE STEEL

EPA HAZARDOUS WASTE NUMBERS: D006, D007, D008

MANIFEST NUMBER (IF APPLICABLE): _____

PLEASE PLACE A CHECK MARK IN THE APPROPRIATE BOX:

- [ ] THIS WASTE IS NOT PROHIBITED FROM LAND DISPOSAL. (NOTE – ADDITIONAL CERTIFICATIONS MAY BE REQUIRED)
- [X] THIS WASTE IS PROHIBITED FROM LAND DISPOSAL.
- [X] THE WASTE DOES NOT CONTAIN UNDERLYING HAZARDOUS CONSTITUENTS LISTED IN 40 CFR 268.48 TABLE UTS-UNIVERSAL TREATMENT STANDARDS (EXCLUDING FLUORIDE, VANADIUM AND/OR ZINC).
- [ ] THE WASTE DOES CONTAIN UNDERLYING HAZARDOUS CONSTITUENTS LISTED IN 40 CFR 268.48 TABLE UTS-UNIVERSAL TREATMENT STANDARDS (EXCLUDING FLUORIDE, VANADIUM AND/OR ZINC).
- [X] THE WASTE DOES NOT CONTAIN VOLATILE ORGANIC COMPOUNDS GREATER THAN 500 PPM.
- [ ] THE WASTE DOES CONTAIN VOLATILE ORGANIC COMPOUNDS GREATER THAN 500 PPM.

NOTE: ADDITIONAL INFORMATION AS REQUIRED PER 40 CFR 268.7 GENERAL PAPERWORK REQUIREMENTS TABLE CAN BE FOUND IN THE ATTACHED DYNECOL WASTE APPROVAL FORM.

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE WASTE THROUGH ANALYSIS AND TESTING OR THROUGH KNOWLEDGE OF THE WASTE, AND BELIEVE THAT THE INFORMATION I SUBMITTED IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING A FALSE CERTIFICATION, INCLUDING A POSSIBILITY OF A FINE AND/OR IMPRISONMENT.

Christopher M Bee — CHRISTOPHER M BEE — 5/13/05

AUTHORIZED SIGNATURE — PRINTED NAME — DATE

164333

22345 Roethel Drive
Novi, MI 48375
248.344.1770
Fax 248.344.2654

Clayton GROUP SERVICES

May 23, 2005

Christopher McBee
DOUBLE EAGLE STEEL COATING COMPANY
3000 Miller Road
Dearborn, MI 48120-

Clayton Work Order No. 05050540

Reference:

Dear Christopher McBee:

Clayton Group Services received 2 samples on 5/13/05 for the analyses presented in the following report.

Enclosed is a copy of the Chain-of-Custody record, acknowledging receipt of these samples. Please note that any unused portion of the samples will be discarded 30 days after the date of this report, unless you have requested otherwise.

This material is confidential and is intended solely for the person to whom it is addressed. If this is received in error, please contact the number provided below.

We appreciate the opportunity to assist you. If you have any questions concerning this report, please contact a Client Services Representative at (800) 806-5887.

Sincerely,

Karen Coonan

Karen Coonan
Client Services Representative

cc:

CASE NARRATIVE

Date: *23-May-05*

CLIENT: DOUBLE EAGLE STEEL COATING COMPANY

Project:

Work Order No 05050540

All quality control results associated with this sample set were within acceptable limits and/or do not adversely affect the reported results, unless otherwise noted below.

Matrix Spike/Matrixf Spike Duplicate (MS/MSD):
Analytical Comments for Method 6010L, sample 2B: The recoveries for Arsenic, Cadmium, Lead and Selenium in the MS were outside statistical limits - due to sample matrix.

Analytical Comments for Method 6010L, sample 2B: The recoveries for Arsenic, Cadmium, Chromium, Lead and Selenium in the MSD were outside statistical limits - due to sample matrix.

ANALYTICAL RESULTS

Date: *23-May-05*

CLIENT: DOUBLE EAGLE STEEL COATING COMPANY
Client Sample ID: USED OIL DE05007
Work Order No: 05050540
Tag Number:
Project:
Collection Date: 5/13/05 11:00:00 AM
Lab ID: 05050540-001A
Matrix: OIL

Analyses	Result	Reporting Limit	Qual	Units	DF	Date Analyzed	Analyst
PCBS BY GC; METHODS EPA 600/8082							
Aroclor 1016	ND	2.0		mg/Kg	1	5/18/05	BVP
Aroclor 1221	ND	2.0		mg/Kg	1	5/18/05	BVP
Aroclor 1232	ND	2.0		mg/Kg	1	5/18/05	BVP
Aroclor 1242	ND	2.0		mg/Kg	1	5/18/05	BVP
Aroclor 1248	ND	2.0		mg/Kg	1	5/18/05	BVP
Aroclor 1254	ND	2.0		mg/Kg	1	5/18/05	BVP
Aroclor 1260	ND	2.0		mg/Kg	1	5/18/05	BVP

Qualifiers:

ND - Not Detected at the Reporting Limit (RL)
J - Analyte detected below the Reporting Limit
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
T - Tentatively Identified Compound (TIC)

ANALYTICAL RESULTS

Date: *23-May-05*

CLIENT: DOUBLE EAGLE STEEL COATING COMPANY
Client Sample ID: FERROUS CHLORIDE DE05009
Work Order No: 05050540
Tag Number:
Project:
Collection Date: 5/13/05 1:00:00 PM
Lab ID: 05050540-002A
Matrix: AQUEOUS

Analyses	Result	Reporting Limit	Qual	Units	DF	Date Analyzed	Analyst
PH; METHOD EPA 150.1							
pH	<2	2.0		pH Units	1	5/13/05 9:42:00 P	RAS

Qualifiers:

ND - Not Detected at the Reporting Limit (RL).
J - Analyte detected below the Reporting Limit
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
T - Tentatively Identified Compound (TIC)

ANALYTICAL RESULTS

Date: *23-May-05*

CLIENT: DOUBLE EAGLE STEEL COATING COMPANY
Client Sample ID: FERROUS CHLORIDE DE05009
Work Order No: 05050540
Tag Number:
Project:
Collection Date: 5/13/05 1:00:00 PM
Lab ID: 05050540-002B
Matrix: LEACHATE

Analyses	Result	Reporting Limit	Qual	Units	DF	Date Analyzed	Analyst
ICP METALS;LEACHATE: METHOD EPA 1311/6010B							
Arsenic	ND	1.0		mg/L	1	5/20/05	DH
Barium	ND	1.0		mg/L	1	5/20/05	DH
Cadmium	4.6	0.50		mg/L	1	5/20/05	DH
Chromium	57	1.0		mg/L	1	5/20/05	DH
Lead	2.8	1.0		mg/L	1	5/20/05	DH
Selenium	ND	2.0		mg/L	1	5/20/05	DH
Silver	ND	0.20		mg/L	1	5/20/05	DH
MERCURY; LEACHED: METHOD EPA 1311/7470A							
Mercury	0.0017	0.0010		mg/L	1	5/19/05	CAW

Qualifiers:

ND - Not Detected at the Reporting Limit (RL).
J - Analyte detected below the Reporting Limit
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
T - Tentatively Identified Compound (TIC)

Clayton GROUP SERVICES

REQUEST FOR LABORATORY ANALYTICAL SERVICES

IMPORTANT
Date Results Requested: _____
Rush Charges Authorized? ☐ Yes ☐ No
☐ Phone or ☒ Fax Results

For Clayton Use Only
Clayton Lab Project No. 05050540

REPORT RESULTS TO:
Name: Chris McBee / Bob Zook
Company: Double Eagle Steel
Mailing Address: 3020 Miller Rd
City, State, Zip: Dearborn MI 48120
Telephone No.: (313) 203-9829 FAX No.: (313) 203-9705
Client Job No.:
Dept.:

SEND INVOICE TO:
Purchase Order No.:
Name:
Company: Dept.:
Address:
City, State, Zip:

Special instructions and/or specific regulatory requirements: (method, limit of detection, etc.)

* Explanation of Preservative

Samples are: (check if applicable)
☐ Drinking Water
☐ Groundwater
☒ Wastewater

ANALYSIS REQUESTED (Enter an 'X' in the box below to indicate request. Enter a 'P' if Preservative added.*)

CLIENT SAMPLE IDENTIFICATION	DATE SAMPLED	TIME SAMPLED	MATRIX/ MEDIA	AIR VOLUME (specify units)	Number of Containers	Total Zinc	Total Suspended Solids	Total Oil and Grease	TOTAL PCB	TOX TOPH	pH			FOR LAB USE ONLY
Outfall 100 24 hr	5/12		WTR		2	P	X			Separate	006	DE		2/N
Outfall 100 Grab	5/12		WTR		3			P		(05050541)				2
Medical DE05007 on	5/13	1130	LIQUID		1				X	(X)	on 1130	05050412		
Formaldehyde	5/13	1315	LIQUID							X	X			
DECONTAM														

CHAIN OF CUSTODY
Collected by: David Wallace / [illegible] (print) — Collector's Signature: [illegible]
Relinquished by: [illegible] — Date/Time 5/12/05 — Received by: [illegible] — Date/Time [illegible]
Relinquished by: [illegible] — Date/Time 5/13/05 — Received by: [illegible] — Date/Time
Method of Shipment: [illegible] — Received at Lab by: [illegible] — Date/Time [illegible]
Authorized by: [illegible] (Client Signature MUST Accompany Request) Date 5/12/05 — Sample Condition Upon Receipt: ☒ Acceptable ☐ Other (explain)

Please return completed form and samples to one of the Clayton Group Services, Inc. labs listed below:

Detroit Regional Lab
22345 Roethel Drive
Novi, MI 48375
(800) 806-5687
(248) 344-1770
FAX (248) 344-2655

Atlanta Regional Lab
3380 Chastain Meadows Parkway, Suite 300
Kennesaw, GA 30144
(800) 252-5919
(770) 499-7500
FAX (770) 423-4990

Seattle Regional Lab
4636 E. Marginal Way S., Suite 215
Seattle, WA 98134
(800) 568-7755
(206) 763-7364
FAX (206) 763-4189

4.2
4.8

DISTRIBUTION:
White = Clayton Laboratory
Yellow = Clayton Accounting
Pink = Client Copy

1/00 20K

Midwest Analytical Services, Inc.

"Where industry comes for answers."

2905 Hilton Rd
Ferndale, MI 48220

Phone: (248) 591-6660
MI Only: (800) 801-4MAS
Fax No: (248) 591-6668

All test reports include a chain of custody and a cover sheet.

Date: 02-Apr-04

Client: Molly Dwinnells
Dynecol, Inc.

Order ID: 0403239

MAS Sample #: 040326013

Project ID:

Sample I.D.: 3789 Hydrochloric Pickle Liquor

The above mentioned project has been completed in accordance with the Quality Assurance Project Plan written by Midwest Analytical Services, Inc., using SW-846, DEQ, EPA, Standard Methods and ASTM documents as reference guidelines. Specific sample information is available upon request. This test report applies only to the samples received as stated on the Chain of Custody (COC).

Test reports are not complete unless accompanied by the COC and this cover sheet. MAS is not responsible for interpretation of this test report. Please read the following numbered comments carefully.

For your convenience the following legend applies to all the following data sheets:

1. Reports shall not be reproduced, except in full, without written approval of MAS.
2. N/D=Not detected.
3. Results relate only to the items tested.
4. ppm=parts per million, mg/l, mg/kg or mg/kg(dry weight)
   ppb=parts per billion, ug/l, ug/kg or ug/kg (dry weight)
5. QC information on file.
6. EQL=Estimated Quantitation Limit.
7. N/A=Not Applicable, Not Available.
8. Materials listed on the COC were analyzed as requested. See COC for details.
9. Data along with qualifiers make this a useable data set.

Additional comments and explanations:

SL- Surrogate spike indicates low recovery.

If you have any questions regarding this project feel free to contact me at (248) 591-6660 ext. 115 or (800) 801-4627 ext. 115. Thank you for choosing Midwest Analytical Services.

Charles Hindbaugh

Charles Hindbaugh
Quality Manager

Midwest Analytical Services, Inc.

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Ferndale, MI 48220

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MI Only: (800) 801-4MAS
Fax No: (248) 591-6668

All test reports include a chain of custody and a cover sheet.

Dynecol, Inc.
6250 Georgia St
Detroit, MI 48211-1594

Test Report
Order ID: 0403239
MAS Sample #: 040326013
Date Completed: 4/2/2004
PO Number: 15742

Project ID: Kasle Steel Corp./Dynecol Hydrochloric Pickle Liquor Generic

Sample Identification: 3789 Hydrochloric Pickle Liquor

Physical Description: Liquid

Sample Date/Time: 3/23/2004

Method Number	Parameter	Result	Units	EQL	Regulatory Limit	Analyst	Date Analyzed	Data Flag
SW 846 9040B	pH	< 2.00	units	2.0	12.5	SS	3/29/2004	
SW 846 1010	Ignitability	> 200	°F	75	140	SS	3/29/2004	
SW 846 7.3.3.2	Cyanide-Reactive	N/D	mg/Kg	20	250	SS	3/29/2004	
40 CFR 261.23.5	Sulfide-Reactive	Negative	N/A	500	500	DC	3/30/2004	
SW 846 9020B	Total Organic Halogens	120	mg/Kg	9.8	N/A	DC	3/26/2004	
	TCLP Metals:							SL
SW 846 6010B	Arsenic	N/D	mg/L	0.18	5	MV	3/31/2004	SL
SW 846 6010B	Barium	1.2	mg/L	0.13	100	MV	3/31/2004	SL
SW 846 6010B	Cadmium	N/D	mg/L	0.13	1	MV	3/31/2004	SL
SW 846 6010B	Chromium	57	mg/L	0.13	5	MV	3/31/2004	SL
SW 846 6010B	Lead	19	mg/L	0.15	5	MV	3/31/2004	SL
SW 846 7470A	Mercury	N/D	mg/L	0.0025	0.2	MV	3/31/2004	
SW 846 6010B	Selenium	N/D	mg/L	0.25	1	MV	3/31/2004	SL
SW 846 6010B	Silver	N/D	mg/L	0.13	5	MV	3/31/2004	SL
	PCB:							
SW 846 8082	Aroclor - 1016	N/D	mg/Kg	0.50	N/A	DB	3/31/2004	
SW 846 8082	Aroclor - 1221	N/D	mg/Kg	0.50	N/A	DB	3/31/2004	
SW 846 8082	Aroclor - 1232	N/D	mg/Kg	0.50	N/A	DB	3/31/2004	
SW 846 8082	Aroclor - 1242	N/D	mg/Kg	0.50	N/A	DB	3/31/2004	
SW 846 8082	Aroclor - 1248	N/D	mg/Kg	0.50	N/A	DB	3/31/2004	
SW 846 8082	Aroclor - 1254	N/D	mg/Kg	0.50	N/A	DB	3/31/2004	
SW 846 8082	Aroclor - 1260	N/D	mg/Kg	0.50	N/A	DB	3/31/2004	

pH measured at 16° C.

Charles Hindbaugh

Charles Hindbaugh
Quality Manager

Midwest Analytical Services, Inc.

"Where industry comes for answers."

2905 Hilton Rd
Ferndale, MI 48220

Phone: (248) 591-6660
MI Only: (800) 801-4MAS
Fax No: (248) 591-6668

All test reports include a chain of custody and a cover sheet.

Date: 02-Apr-04

Client: Molly Dwinnells
Dynecol, Inc.

Order ID: 0403239

MAS Sample #: 040326013

Project ID:

Sample I.D.: 3789 Hydrochloric Pickle Liquor

The above mentioned project has been completed in accordance with the Quality Assurance Project Plan written by Midwest Analytical Services, Inc., using SW-846, DEQ, EPA, Standard Methods and ASTM documents as reference guidelines. Specific sample information is available upon request. This test report applies only to the samples received as stated on the Chain of Custody (COC).

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   ppb=parts per billion, ug/l, ug/kg or ug/kg (dry weight)
5. QC information on file.
6. EQL=Estimated Quantitation Limit.
7. N/A=Not Applicable, Not Available.
8. Materials listed on the COC were analyzed as requested. See COC for details.
9. Data along with qualifiers make this a useable data set.

Additional comments and explanations:

SL- Surrogate spike indicates low recovery.

If you have any questions regarding this project feel free to contact me at (248) 591-6660 ext. 115 or (800) 801-4627 ext. 115. Thank you for choosing Midwest Analytical Services.

Charles Hindbaugh

Charles Hindbaugh
Quality Manager

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Fax No: (248) 591-6668

All test reports include a chain of custody and a cover sheet.

Dynecol, Inc.
6250 Georgia St
Detroit, MI 48211-1594

Test Report
Order ID: 0403239
MAS Sample #: 040326013
Date Completed: 4/2/2004
PO Number: 15742

Project ID: Kasle Steel Corp./Dynecol Hydrochloric Pickle Liquor Generic

Sample Identification: 3789 Hydrochloric Pickle Liquor

Physical Description: Liquid

Sample Date/Time: 3/23/2004

Method Number	Parameter	Result	Units	EQL	Regulatory Limit	Analyst	Date Analyzed	Data Flag
SW 846 9040B	pH	< 2.00	units	2.0	12.5	SS	3/29/2004	
SW 846 1010	Ignitability	> 200	°F	75	140	SS	3/29/2004	
SW 846 7.3.3.2	Cyanide-Reactive	N/D	mg/Kg	20	250	SS	3/29/2004	
40 CFR 261.23.5	Sulfide-Reactive	Negative	N/A	500	500	DC	3/30/2004	
SW 846 9020B	Total Organic Halogens	120	mg/Kg	9.8	N/A	DC	3/26/2004	
	TCLP Metals:							SL
SW 846 6010B	Arsenic	N/D	mg/L	0.18	5	MV	3/31/2004	SL
SW 846 6010B	Barium	1.2	mg/L	0.13	100	MV	3/31/2004	SL
SW 846 6010B	Cadmium	N/D	mg/L	0.13	1	MV	3/31/2004	SL
SW 846 6010B	Chromium	57	mg/L	0.13	5	MV	3/31/2004	SL
SW 846 6010B	Lead	19	mg/L	0.15	5	MV	3/31/2004	SL
SW 846 7470A	Mercury	N/D	mg/L	0.0025	0.2	MV	3/31/2004	
SW 846 6010B	Selenium	N/D	mg/L	0.25	1	MV	3/31/2004	SL
SW 846 6010B	Silver	N/D	mg/L	0.13	5	MV	3/31/2004	SL
	PCB:							
SW 846 8082	Aroclor - 1016	N/D	mg/Kg	0.50	N/A	DB	3/31/2004	
SW 846 8082	Aroclor - 1221	N/D	mg/Kg	0.50	N/A	DB	3/31/2004	
SW 846 8082	Aroclor - 1232	N/D	mg/Kg	0.50	N/A	DB	3/31/2004	
SW 846 8082	Aroclor - 1242	N/D	mg/Kg	0.50	N/A	DB	3/31/2004	
SW 846 8082	Aroclor - 1248	N/D	mg/Kg	0.50	N/A	DB	3/31/2004	
SW 846 8082	Aroclor - 1254	N/D	mg/Kg	0.50	N/A	DB	3/31/2004	
SW 846 8082	Aroclor - 1260	N/D	mg/Kg	0.50	N/A	DB	3/31/2004	

pH measured at 16° C.

Charles Hindbaugh

Charles Hindbaugh
Quality Manager

DYNECOL
MID 074259565

DYNECOL, INC.

6520 GEORGIA STREET
DETROIT, MICHIGAN 48211
PHONE: (313) 571-7141
FAX: (313) 571-7190

Recertification: Y (N)

Approval # 164333

WASTE APPROVAL FORM

164333T.5534

Code 51

I GENERAL INFORMATION

Customer: Same	Generator: Double Eagle Steel Coating
Address:	Address: 3000 Miller Rd.
City:	City: Dearborn
State: Zip Code:	State: MI Zip Code: 48120
Contact:	Contact: Christopher McBee
Phone #: Fax:	Phone #: 313-203-9829 Fax: 313-203-9725
24 hour phone #:	EPA ID#: MID 981 092 190

II WASTE DESCRIPTION

Waste Common Name: Ferrous Chloride

Specific Process Generating the Waste: Clean out of ferrous chloride tank used to pickle steel prior to zinc plating on carbon steel. Tank cleaned using water to remove residual

WASTE COMPOSITION (must equal 100%): Solution & Slurry

	ACTUAL %	MIN.	MAX.
Hydrochloric acid	15	10	15
Water	80	75	90
Iron/dirt	5	5	10

CIRCLE YES (Y) OR NO (N) TO THE FOLLOWING CHARACTERISTICS OR CONTAMINANTS

Carcinogen Y (N) Oxidizer Y (N) Organics Y (N) Explosives Y (N) Phenols Y (N) Hexavalent Chromium Y (N)
Radioactives Y (N) Poison Y (N) PCBs Y (N) Pesticides Y (N)

As defined in 40 CFR 268: (X) Non-wastewater ( ) Wastewater **LIQUID** **SOLID** **SLURRY**

Sample submitted to Dynecol: (Y) N Color: Green/Blue

III RCRA/ACT 64 WASTE CHARACTERIZATION

This is a **hazardous** waste as defined by either Michigan Act 451 or EPA 40 CFR 261: Yes ✓ No

If yes, list all waste codes: D002, D007, D008, D006, D010

This is a **non-hazardous** waste as defined by Michigan Act 451: Yes No ✓

If yes, list all waste codes:

This waste contains a toxicity characteristic of 40 CFR 261.24 identified as waste codes D018 through D043:

Yes No ✓ * Unknown

If yes, list all waste codes:

* If based on generator knowledge, please read and understand certification in Section VI

IV SHIPPING INFORMATION

Waste Volume: 760 UNIT: (circle one) (GALLONS) POUNDS DRUMS OTHER 2 x 300 gallon totes 3 x 55 gallon

Shipment Frequency: (circle one) WEEK MONTH QUARTER YEAR (ONE TIME ONLY)

DOT Proper Shipping Name per 49 CFR 172.101:
RQ Ferrous Chloride, Waste Solution, [illegible]

DOT Hazard Class: 8 UN/NA Number: NA1760 Packing Group: I (II) III None

V COMMENTS

SIC CODE 3471

VI GENERATOR CERTIFICATION

I certify under penalty of law that I personally have examined and am familiar with the waste through analysis and testing or through knowledge of the waste, and I believe that the information I submitted is true, accurate and complete.

DOUBLE EAGLE STEEL - CHRISTOPHER MCGEE 5 / 12 / 05
Generator Name (Please print or type) Date

Christopher McGee ENVIRONMENTAL ENGINEER
Generator Signature Title

VII WASTE ANALYSIS

MINIMUM ANALYTICAL REQUIREMENTS FOR HAZARDOUS WASTES ARE (All Methods per SW846):

- Flash, pH, and Reactives (Detection limit of 20ppm for Cyanide and Sulfide)
- PCBs, %HOCs (Method 9020), (Nickel and Thallium as necessary)
- TCLP metals: Arsenic, Barium, Cadmium, Chromium, Lead, Mercury, Selenium, Silver
- Michigan metals: Copper and Zinc (as necessary)

(The above items may be restricted from land disposal.)

LABORATORY ANALYSIS IS ATTACHED FOR THE ABOVE ITEMS:

Yes____ No X Complete____ Partial____* MSDS____

* ____ Authorization for Dynecol to perform analysis as necessary

Purchase Order #____

VIII DYNECOL USE ONLY

Approval #: 104333

Treatment Facility: B CMF: ✓

Approved by: [illegible]

Expiration date: 5/12/2006 ✓

$90/Drum

Date: $350/Total

* Must be pumpable to the plant

[illegible]

DYNECOOL

[redacted]

DATE: 5-23-05

TO: Chris McBee

COMPANY: Double Eagle Steel Coating

FROM: Vicky Ruhf

RE: WASTE APPROVAL FORM MODIFICATION AUTHORIZATION

WASTE APPROVAL # 164333 164333T / 5534

WASTE TYPE: Ferrous Chloride

I HEREBY AUTHORIZE AND ACKNOWLEDGE THESE MODIFICATIONS TO MY WASTE APPROVAL FORM:

___ COMPOSITION

___ PROCESS

X WASTE CODES D006 , D010

___ DOT DESCRIPTION

___ OTHER

___ FINGERPRINT

X CHRISTOPHER MCBEE Christopher McBee
PLEASE PRINT NAME SIGNATURE

X 5/23/05
DATE

rev. 4/4/01

DYNECOL
MID 074259565

DYNECOL, INC.
(313) 571-7141

CERTIFICATION FORM

(Submit with waste approval package)

UNDERLYING CONSTITUENTS/VOLATILE ORGANIC COMPOUNDS (VOC)

APPROVAL NUMBER: 164333 EPA ID NUMBER: MID 981 092 190

GENERATOR NAME: DOUBLE EAGLE STEEL

EPA HAZARDOUS WASTE NUMBERS: D002, D007, D008, D006, D010

MANIFEST NUMBER (IF APPLICABLE): _____

PLEASE PLACE A CHECK MARK IN THE APPROPRIATE BOX:

- [ ] THIS WASTE IS NOT PROHIBITED FROM LAND DISPOSAL. (NOTE – ADDITIONAL CERTIFICATIONS MAY BE REQUIRED)
- [x] THIS WASTE IS PROHIBITED FROM LAND DISPOSAL.
- [x] THE WASTE DOES NOT CONTAIN UNDERLYING HAZARDOUS CONSTITUENTS LISTED IN 40 CFR 268.48 TABLE UTS-UNIVERSAL TREATMENT STANDARDS (EXCLUDING FLUORIDE, VANADIUM AND/OR ZINC).
- [ ] THE WASTE DOES CONTAIN UNDERLYING HAZARDOUS CONSTITUENTS LISTED IN 40 CFR 268.48 TABLE UTS-UNIVERSAL TREATMENT STANDARDS (EXCLUDING FLUORIDE, VANADIUM AND/OR ZINC).
- [x] THE WASTE DOES NOT CONTAIN VOLATILE ORGANIC COMPOUNDS GREATER THAN 500 PPM.
- [ ] THE WASTE DOES CONTAIN VOLATILE ORGANIC COMPOUNDS GREATER THAN 500 PPM.

NOTE: ADDITIONAL INFORMATION AS REQUIRED PER 40 CFR 268.7 GENERAL PAPERWORK REQUIREMENTS TABLE CAN BE FOUND IN THE ATTACHED DYNECOL WASTE APPROVAL FORM.

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE WASTE THROUGH ANALYSIS AND TESTING OR THROUGH KNOWLEDGE OF THE WASTE, AND BELIEVE THAT THE INFORMATION I SUBMITTED IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING A FALSE CERTIFICATION, INCLUDING A POSSIBILITY OF A FINE AND/OR IMPRISONMENT.

Christopher M Bee	CHRISTOPHER M BEE	5/13/05
AUTHORIZED SIGNATURE	PRINTED NAME	DATE

CERTIFICATION FORM.DOC REVISED 5/98

164333

22345 Roethel Drive
Novi, MI 48375
248.344.1770
Fax 248.344.2654

Clayton GROUP SERVICES

May 23, 2005

Christopher McBee
DOUBLE EAGLE STEEL COATING COMPANY
3000 Miller Road
Dearborn, MI 48120-

Clayton Work Order No. 05050540

Reference:

Dear Christopher McBee:

Clayton Group Services received 2 samples on 5/13/05 for the analyses presented in the following report.

Enclosed is a copy of the Chain-of-Custody record, acknowledging receipt of these samples. Please note that any unused portion of the samples will be discarded 30 days after the date of this report, unless you have requested otherwise.

This material is confidential and is intended solely for the person to whom it is addressed. If this is received in error, please contact the number provided below.

We appreciate the opportunity to assist you. If you have any questions concerning this report, please contact a Client Services Representative at (800) 806-5887.

Sincerely,

Karen Coonan

Karen Coonan
Client Services Representative

cc:

CASE NARRATIVE

Date: *23-May-05*

CLIENT: DOUBLE EAGLE STEEL COATING COMPANY

Project:

Work Order No 05050540

All quality control results associated with this sample set were within acceptable limits and/or do not adversely affect the reported results, unless otherwise noted below.

Matrix Spike/Matrixf Spike Duplicate (MS/MSD):
Analytical Comments for Method 6010L, sample 2B: The recoveries for Arsenic, Cadmium, Lead and Selenium in the MS were outside statistical limits - due to sample matrix.

Analytical Comments for Method 6010L, sample 2B: The recoveries for Arsenic, Cadmium, Chromium, Lead and Selenium in the MSD were outside statistical limits - due to sample matrix.

ANALYTICAL RESULTS

Date: *23-May-05*

CLIENT: DOUBLE EAGLE STEEL COATING COMPANY
Client Sample ID: USED OIL DE05007
Work Order No: 05050540
Tag Number:
Project:
Collection Date: 5/13/05 11:00:00 AM
Lab ID: 05050540-001A
Matrix: OIL

Analyses	Result	Reporting Limit	Qual	Units	DF	Date Analyzed	Analyst
PCBS BY GC; METHODS EPA 600/8082							
Aroclor 1016	ND	2.0		mg/Kg	1	5/18/05	BVP
Aroclor 1221	ND	2.0		mg/Kg	1	5/18/05	BVP
Aroclor 1232	ND	2.0		mg/Kg	1	5/18/05	BVP
Aroclor 1242	ND	2.0		mg/Kg	1	5/18/05	BVP
Aroclor 1248	ND	2.0		mg/Kg	1	5/18/05	BVP
Aroclor 1254	ND	2.0		mg/Kg	1	5/18/05	BVP
Aroclor 1260	ND	2.0		mg/Kg	1	5/18/05	BVP

Qualifiers:

ND - Not Detected at the Reporting Limit (RL).
J - Analyte detected below the Reporting Limit
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
T - Tentatively Identified Compound (TIC)

ANALYTICAL RESULTS

Date: *23-May-05*

CLIENT: DOUBLE EAGLE STEEL COATING COMPANY
Client Sample ID: FERROUS CHLORIDE DE05009
Work Order No: 05050540
Tag Number:
Project:
Collection Date: 5/13/05 1:00:00 PM
Lab ID: 05050540-002A
Matrix: AQUEOUS

Analyses	Result	Reporting Limit	Qual	Units	DF	Date Analyzed	Analyst
PH; METHOD EPA 150.1							
pH	<2	2.0		pH Units	1	5/13/05 9:42:00 P	RAS

Qualifiers:

ND - Not Detected at the Reporting Limit (RL).
J - Analyte detected below the Reporting Limit
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
T - Tentatively Identified Compound (TIC)

ANALYTICAL RESULTS

Date: *23-May-05*

CLIENT: DOUBLE EAGLE STEEL COATING COMPANY
Client Sample ID: FERROUS CHLORIDE DE05009
Work Order No: 05050540
Tag Number:
Project:
Collection Date: 5/13/05 1:00:00 PM
Lab ID: 05050540-002B
Matrix: LEACHATE

Analyses	Result	Reporting Limit	Qual	Units	DF	Date Analyzed	Analyst
ICP METALS;LEACHATE: METHOD EPA 1311/6010B							
Arsenic	ND	1.0		mg/L	1	5/20/05	DH
Barium	ND	1.0		mg/L	1	5/20/05	DH
Cadmium	1.6	0.50		mg/L	1	5/20/05	DH
Chromium	57	1.0		mg/L	1	5/20/05	DH
Lead	2.8	1.0		mg/L	1	5/20/05	DH
Selenium	ND	2.0		mg/L	1	5/20/05	DH
Silver	ND	0.20		mg/L	1	5/20/05	DH
MERCURY; LEACHED: METHOD EPA 1311/7470A							
Mercury	0.0017	0.0010		mg/L	1	5/19/05	CAW

Qualifiers:

ND - Not Detected at the Reporting Limit (RL).
J - Analyte detected below the Reporting Limit
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
T - Tentatively Identified Compound (TIC)

Clayton GROUP SERVICES

REQUEST FOR LABORATORY ANALYTICAL SERVICES

IMPORTANT

Date Results Requested: _____

Rush Charges Authorized? ☐ Yes ☐ No

☐ Phone or ☒ Fax Results

___ of ___

For Clayton Use Only
Clayton Lab Project No.
05050540

REPORT RESULTS TO

Name: Chris McKee / Bob Zook
Company: Double Eagle Steel
Mailing Address: 3000 Miller Rd
City, State, Zip: Dearborn MI 48120
Telephone No.: (313) 203-9829 FAX No.: (313) 203-9705
Client Job No.:
Dept.:

SEND INVOICE TO

Purchase Order No.:
Name:
Company:
Dept.:
Address:
City, State, Zip:

Special instructions and/or specific regulatory requirements:
(method, limit of detection, etc.)

* Explanation of Preservative

Samples are:
(check if applicable)
☐ Drinking Water
☐ Groundwater
☒ Wastewater

ANALYSIS REQUESTED
(Enter an 'X' in the box below to indicate request. Enter a 'P' if Preservative added.*)

CLIENT SAMPLE IDENTIFICATION	DATE SAMPLED	TIME SAMPLED	MATRIX/ MEDIA	AIR VOLUME (specify units)	Number of Containers	Total Zinc	Total Suspended Solids	Total Oil and Grease	TOTAL PCB	TOX	TCLP PCB			FOR LAB USE ONLY
Outfall 100 24 hr	5/12		WTR		2	P	X			separate	006	DE		1
Outfall 100 Grab	5/12		WTR		3			P		(05050541)				2
Medical DE05007	5/13	1100	LIQUID		1				X	X	on	05050412		
Formaldehyde DE05009	5/13	1300	LIQUID							X	X			

CHAIN-OF-CUSTODY

Collected by: David Wallace (print) — Collector's Signature:
Relinquished by: [signature] — Date/Time 5/12/05 — Received by: [signature] — Date/Time 5/13/05 1300
Relinquished by: [signature] — Date/Time 5/13/05 — Received by: — Date/Time
Method of Shipment: Hand Delivery — Received at Lab by: [signature] — Date/Time 5/13
Authorized by: [signature] Date 5/12/05
(Client Signature MUST Accompany Request)
Sample Condition Upon Receipt: ☐ Acceptable ☐ Other (explain)

Please return completed form and samples to one of the Clayton Group Services, Inc. labs listed below:

Detroit Regional Lab
22345 Roethel Drive
Novi, MI 48375
(800) 806-6687
(248) 344-1770
FAX (248) 344-2655

Atlanta Regional Lab
3560 Chastain Meadows Parkway, Suite 300
Kennesaw, GA 30144
(800) 252-5619
(770) 499-7500
FAX (770) 428-4990

Seattle Regional Lab
4636 E. Marginal Way S., Suite 275
Seattle, WA 98134
(800) 566-7755
(206) 763-7364
FAX (206) 763-4189

4.2
4.8
4.39
2.8

DISTRIBUTION:
White = Clayton Laboratory
Yellow = Clayton Accounting
Pink = Client Copy

1/00 20K

DYNECOL
MID 074259565

DYNECOL, INC.
6520 GEORGIA STREET
DETROIT, MICHIGAN 48211
PHONE: (313) 571-7141
FAX: (313) 571-7190

Recertification: Y (N)

WASTE APPROVAL FORM

Approval # 164327

Code 51

I GENERAL INFORMATION

Customer: Same	Generator: Double Eagle Steel Coating
Address:	Address: 3000 Miller Rd.
City:	City: Dearborn
State: Zip Code:	State: MI Zip Code: 48120
Contact:	Contact: Christopher McBee
Phone #: Fax:	Phone #: 313-203-9829 Fax: 313-203-9705
24 hour phone #:	EPA ID#: MID 981 092 190

II WASTE DESCRIPTION

Waste Common Name: DES 11

Specific Process Generating the Waste:

Unknown drum of acidic liquid

WASTE COMPOSITION (must equal 100%):	ACTUAL %	MIN.	MAX.
Inorganic acidic liquid	100%		

CIRCLE YES (Y) OR NO (N) TO THE FOLLOWING CHARACTERISTICS OR CONTAMINANTS

Carcinogen Y (N) Oxidizer Y (N) Organics Y (N) Explosives Y (N) Phenols Y (N) Hexavalent Chromium Y (N)
Radioactives Y (N) Poison Y (N) PCBs Y (N) Pesticides Y (N)

As defined in 40 CFR 268: ( ) Non-wastewater (X) Wastewater **LIQUID** **SOLID** **SLURRY**

Sample submitted to Dynecol: (Y) N Color: yellow, clear

III RCRA/ACT 64 WASTE CHARACTERIZATION

This is a **hazardous** waste as defined by either Michigan Act 451 or EPA 40 CFR 261: Yes X No

If yes, list all waste codes: D002, D030, D032

This is a **non-hazardous** waste as defined by Michigan Act 451: Yes No X

If yes, list all waste codes:

This waste contains a toxicity characteristic of 40 CFR 261.24 identified as waste codes D018 through D043:

Yes X No * Unknown

If yes, list all waste codes: D030

* If based on generator knowledge, please read and understand certification in Section VI

DG H DG 2

IV SHIPPING INFORMATION

Waste Volume: 1 UNIT: (circle one) GALLONS POUNDS DRUMS OTHER

Shipment Frequency: (circle one) WEEK MONTH QUARTER YEAR ONE TIME ONLY

DOT Proper Shipping Name per 49 CFR 172.101:
RQ, Waste Corrosive Liquid, acidic, inorganic, N.O.S. (HYDROCHLORIC ACID)

DOT Hazard Class: 8 UN/NA Number: 3264 Packing Group: I II III None

V COMMENTS

- There are no pesticides and herbicides used on site at this facility.
x Generator believes Acid to be Hydrochloric)

VI GENERATOR CERTIFICATION

I certify under penalty of law that I personally have examined and am familiar with the waste through analysis and testing or through knowledge of the waste, and I believe that the information I submitted is true, accurate and complete.

CHRISTOPHER MCBEE
Generator Name (Please print or type)

6 / 7 / 05
Date

Christopher McBee
Generator Signature

ENVIRONMENTAL ENGINEER
Title

VII WASTE ANALYSIS

MINIMUM ANALYTICAL REQUIREMENTS FOR HAZARDOUS WASTES ARE (All Methods per SW846):

- Flash, pH, and Reactives (Detection limit of 20ppm for Cyanide and Sulfide)
- PCBs, %HOCs (Method 9020), (Nickel and Thallium as necessary)
- TCLP metals: Arsenic, Barium, Cadmium, Chromium, Lead, Mercury, Selenium, Silver
- Michigan metals: Copper and Zinc (as necessary)

(The above items may be restricted from land disposal.)

LABORATORY ANALYSIS IS ATTACHED FOR THE ABOVE ITEMS:

Yes____ No____ Complete____ Partial____* MSDS____

* ____ Authorization for Dynecol to perform analysis as necessary

Purchase Order #____

VIII DYNECOL USE ONLY

Approval #: 164327

Treatment Facility: B CMF: ✓

$90/Drum

Approved by: B Date:

Expiration date: 6/7/2006

DYNECOL
MID 074259565

DYNECOL, INC.
(313) 571-7141

CERTIFICATION FORM

(Submit with waste approval package)

UNDERLYING CONSTITUENTS/VOLATILE ORGANIC COMPOUNDS (VOC)

APPROVAL NUMBER: 164327 **EPA ID NUMBER:** MID 981 092 190

GENERATOR NAME: Dobbs Eagle Steel Coating Co.

EPA HAZARDOUS WASTE NUMBERS: D002, D030, D032

MANIFEST NUMBER (IF APPLICABLE): _____

PLEASE PLACE A CHECK MARK IN THE APPROPRIATE BOX:

- [ ] THIS WASTE IS NOT PROHIBITED FROM LAND DISPOSAL. (NOTE – ADDITIONAL CERTIFICATIONS MAY BE REQUIRED)
- [x] THIS WASTE IS PROHIBITED FROM LAND DISPOSAL.
- [x] THE WASTE DOES NOT CONTAIN UNDERLYING HAZARDOUS CONSTITUENTS LISTED IN 40 CFR 268.48 TABLE UTS-UNIVERSAL TREATMENT STANDARDS (EXCLUDING FLUORIDE, VANADIUM AND/OR ZINC).
- [x] THE WASTE DOES CONTAIN UNDERLYING HAZARDOUS CONSTITUENTS LISTED IN 40 CFR 268.48 TABLE UTS-UNIVERSAL TREATMENT STANDARDS (EXCLUDING FLUORIDE, VANADIUM AND/OR ZINC).
- [x] THE WASTE DOES NOT CONTAIN VOLATILE ORGANIC COMPOUNDS GREATER THAN 500 PPM.
- [ ] THE WASTE DOES CONTAIN VOLATILE ORGANIC COMPOUNDS GREATER THAN 500 PPM.

NOTE: ADDITIONAL INFORMATION AS REQUIRED PER 40 CFR 268.7 GENERAL PAPERWORK REQUIREMENTS TABLE CAN BE FOUND IN THE ATTACHED DYNECOL WASTE APPROVAL FORM.

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE WASTE THROUGH ANALYSIS AND TESTING OR THROUGH KNOWLEDGE OF THE WASTE, AND BELIEVE THAT THE INFORMATION I SUBMITTED IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING A FALSE CERTIFICATION, INCLUDING A POSSIBILITY OF A FINE AND/OR IMPRISONMENT.

Christopher McBee	CHRISTOPHER McBee	6/7/05
AUTHORIZED SIGNATURE	PRINTED NAME	DATE

TABLE UTS– 268.48 UNIVERSAL TREATMENT STANDARDS

ORGANIC CONSTITUENTS	WW-mg/L	NWW-mg/L
A2213	0.042	1.4
X Acenaphthene	0.059	3.4
Acenaphthylene	0.059	3.4
Acetone	0.28	160
Acetonitrile	5.6	38
Acetophenone	0.010	9.7
2-Acetylaminofluorene	0.059	140
Acrolein	0.29	NA
Acrylamide	19	23
Acrylonitrile	0.24	84
Aldecarb sulfone	0.056	0.28
X Aldrin	0.021	0.066
4-Aminobiphenyl	0.13	NA
Aniline	0.81	14
X Anthracene	0.059	3.4
Aramite	0.36	NA
Barban	0.056	1.4
Bendiocarb	0.056	1.4
Bendiocarb phenol	0.056	1.4
Benomyl	0.056	1.4
X alpha-BHC	0.0001	0.066
X beta-BHC	0.0001	0.066
delta-BHC	0.023	0.066
gamma-BHC	0.0017	0.066
Benzal Chloride	0.055	6.0
X Benz(a)anthracene	0.059	3.5
Benzene	0.14	10
X Benzo(b)fluoranthene	0.11	6.8
X Benzo(k)fluoranthene	0.11	6.8
X Benzo(g,h,I) perylene	0.0055	1.8
X Benzo(a) pyrene	0.061	3.4
X bis(2-Chloroethoxy) methane	0.036	7.2
X bis(2-Chloroethyl) ether	0.033	6.0
X bis(2-Ethylhexyl) phthalate	0.28	28
Bromodichloromethane	0.35	15
Bromoform (Tribromomethane)	0.63	15
Bromomethane (Methyl bromide)	0.11	15
X 4-Bromophenyl phenyl ether	0.055	15
n-Butanol (n-Butyl alcohol)	5.6	2.6
X Butyl benzyl phhthalate	0.017	28
Butylate	0.042	1.4
2-sec-Butyl-4,6-dinitrophenol (Dinoseb)	0.066	2.5
Carbaryl	0.006	0.14
Carbendazim	0.056	1.4
Carbofuran	0.006	0.14
Carbofuran phenol	0.056	1.4
Carbon disulfide	3.8	4.8 mg/L
X Carbon tetrachloride	0.057	6.0
Carbosulfan	0.028	1.4
Chlordane (alpha and gamma)	0.0033	0.26
p-Chloroaniline	0.46	16
X Chlorobenzene	0.057	6.0
Chlorobenzilate	0.10	NA
2-Chloro-1,3-butadiene	0.057	0.28
Chlorodibromomethane	0.057	15
Chloroethane	0.27	6.0
X Chloroform	0.046	6.0
p-Chloro-m-cresol	0.018	14
2-Chloroethyl vinyl ether	0.062	NA
Chloromethane (Methyl Chloride)	0.19	30
X 2-Chloronaphthalene	0.055	5.6
X 2-Chlorophenol	0.044	5.7
3-Chloropropylene	0.036	30
Chrysene	0.059	3.4

ORGANIC CONSTITUENTS	WW-mg/L	NWW-mg/L
m-Cresol	0.11	5.6
p-Cresol	0.77	5.6
o-Cresol	0.77	5.6
m-Cumenyl methylcarbamate	0.056	1.4
Cyclohexanone	0.36	75 mg/L
o,p'-DDD	0.023	0.087
p,p'-DDD	0.023	0.087
o,p'-DDE	0.031	0.087
p,p'-DDE	0.031	0.087
o,p'-DDT	0.0039	0.087
p,p'-DDT	0.0039	0.087
X Dibenz(a,h)anthracene	0.055	8.2
Dibenzo(a,e)pyrene	0.061	NA
1,2-Dibromo-3-chloropropane	0.11	15
1,2-Dibromoethane(Ethylene dibromide)	0.028	15
Dibromoethane	0.11	15
m-Dichlorobenzene	0.036	6.0
o-Dichlorobenzene	0.088	6.0
p-Dichlorobenzene	0.09	6.0
Dichlorodifluoromethane	0.23	7.2
X 1,1-Dichloroethane	0.059	6.0
1,2-Dichloroethane	0.21	6.0
1,1-Dichloroethylene	0.025	6.0
trans-1,2-Dichloroethylene	0.054	30
X 2,4-Dichlorophenol	0.044	14
2,6-Dichlorophenol	0.044	14
2,4-D	0.72	10
1,2-Dichloropropane	0.85	18
cis-1,3-Dichlorpropylene	0.036	18
trans-1,3-Dichchloropropylene	0.036	18
X Dieldrin	0.017	0.13
Diethyl phthalate	0.20	28
Diethylene glycol, dicarbamate	0.056	1.4
p-Dimethylaminoazobenzen	0.13	NA
X 2,4-Dimethylphenol	0.036	14
X Dimethyl phthalate	0.047	28
Dimetilan	0.056	1.4
X Di-n-butyl phthalate	0.057	28
1,4-Dinitrobenzene	0.32	2.3
4,6-Dinitro-o-cresol	0.28	160
X 2,4-Dinitrophenol	0.12	160
2,4-Dinitrotoluene	0.32	140
2,6-Dinitrotoluene	0.55	28
X Di-n-octyl phthalate	0.017	28
Di-n-propylnitrosamine	0.40	14
1,4-Dioxane	12.0	170
Diphenylamine	0.92	13
Diphenylnitrosamine	0.92	13
1,2-Diphenyl hydrazine	0.087	NA
Disulfoton	0.017	6.2
Dithiocarbamates (total)	0.028	28
X Endosulfan I	0.023	0.066
X Endosulfan II	0.029	0.13
X Endosulfan sulfate	0.029	0.13
X Endrin	0.0028	0.13
X Endrin aldehyde	0.025	0.13
EPTC	0.042	1.4
Ethyl acetate	0.34	33
Ethyl benzene	0.057	10
Ethyl cyanide (Propanenitrile)	0.24	360
Ethyl ether	0.12	160
Ethyl methacrylate	0.14	160
Ethylene oxide	0.12	NA
Famphur	0.017	15

ORGANIC CONSTITUENTS	WW-mg/L	NWW-mg/L
X Fluoranthene	0.068	3.4
X Fluorene	0.059	3.4
Formetanate hydrochloride	0.056	1.4
Formparanate	0.056	1.4
X Heptachlor	0.0012	0.066
X Heptachlor epoxide	0.016	0.0066
X Hexachlorobenezene	0.055	10
X Hexachlorobutadiene	0.055	5.6
X Hexachlorocyclopentadiene	0.057	2.4
hexachlorodibenzo-furans	0.000063	0.001
Hexachlorodibenzo-p-dioxins	0.000063	0.001
X Hexachloroethane	0.055	30
Hexachloropropylene	0.035	30
X Indeno(1,2,3-c,d) pyrene	0.0055	3.4
Iodomethane	0.19	65
Isobutanol	5.6	170
Isodrin	0.021	0.066
Isolan	0.056	1.4
Isosafrole	0.081	2.6
Kepone	0.0011	0.13
Methacrylonitrile	0.24	84
Methanol	5.6	75 mg/L
Methapyrilene	0.081	1.5
Methiocarb	0.056	1.4
Methomyl	0.028	0.14
Methoxychlor	0.25	0.18
3-Methylchoanthrene	0.0055	15
4,4-Methylene bis(2-chloraniline)	0.50	30
Methylene chloride	0.089	30
Methyl ethyl ketone	0.28	36
Methyl isobutyl ketone	0.14	33
Methyl methacrylate	0.14	160
Methyl methansulfonate	0.018	NA
Methyl parathion	0.014	4.6
Metolcarb	0.056	1.4
Mexacarbate	0.056	1.4
Molinate	0.042	1.4
2-Naphthylamine	0.52	NA
X Naphthalene	0.059	5.6
o-Nitroaniline	0.27	14
p-Nitrolaniline	0.028	28
X Nitrobenezene	0.068	14
5-Nitro-o-toluidine	0.32	28
o-Nitrophenol	0.028	13
p-Nitrophenol	0.12	29
N-Nitroso-di-n-butylamine	0.40	17
N-Nitrosodiethylamine	0.40	28
N-Nitrosodimethylamine	0.40	2.3
N-Nitrosomethylethylamine	0.40	2.3
N-Nitrosomorpholine	0.40	2.3
N-Nitrosopiperidine	0.013	35
N-Nitrosopyrrolidine	0.013	35
Oxamyl	0.056	0.28
Parathion	0.014	4.6
Total PCB's	0.10	10
Pebulate	0.042	1.4
Pentachlorobenzene	0.055	10
Pentachlorodibenzo-p-dioxins	0.000063	0.001
Pentachlordibenzo-furans	0.000035	0.001
Pentachloroethane	0.055	6.0
Pentachloronitrobenzene	0.055	4.8
X Pentachlorophenol	0.089	7.4
Phenacetin	0.081	16
X Phenanthrene	0.059	5.6

ORGANIC CONSTITUENTS	WW-mg/L	NWW-mg/L
X Phenol	0.039	6.2
o-Phenylenediamine	0.056	5.6
Phorate	0.021	4.6
Phthalic acid	0.055	28
Phthalic anhydride	0.055	28
Physostigmine	0.056	1.4
Physostigmine salicylate	0.056	1.4
Promecarb	0.056	1.4
Pronamide	0.093	1.5
Propham	0.056	1.4
Propoxur	0.056	1.4
Prosulfocarb	0.042	1.4
X Pyrene	0.067	8.2
X Pyridine	0.014	16
Safrole	0.081	22
1,2,4,5-Tetrachlorobenzene	0.055	14
Tetrachlorodibenzo-furans	0.000063	0.001
Tetrachlorodibenzo-p-dioxins	0.000063	0.001
1,1,1,2-Tetrachloroethane	0.057	6.0
1,1,2,2-Tetrachloroethane	0.057	6.0
Tetrachloroethylene	0.056	6.0
2,3,4,6-Tetrachlorophenol	0.030	7.4
Thiodicarb	0.019	1.4
Thiophanate-methyl	0.056	1.4
Tirpate	0.056	0.28
Tolnene	0.080	10
Toxaphene	0.0095	2.6
Triallate	0.042	1.4
X 1,2,4-Trichlorobenzene	0.055	19
1,1,1-Trichloroethane	0.054	6.0
1,1,2-Trichloroethane	0.054	6.0
Trichloroethylene	0.054	6.0
Trichlorofluoromethane	0.020	30
X 2,4,5-Trichlorophenol	0.018	7.4
X 2,4,6-Trichlorophenol	0.035	7.4
2,4,5-T	0.72	7.9
2,4,5-TP (Silvex)	0.72	7.9
1,2,3-Trichloropropane	0.85	30
1,1,2-Trichloro-1,2,2-trifluoroethane	0.057	30
Triethylamine	0.081	1.5
Tris(2,3-Dibromopropyl) phosphate	0.11	0.10
Vernolate	0.042	1.4
Vinyl chloride	0.27	6.0
Xylene-sum of mixed isomers	0.32	30
METALS AND INORGANICS	**WW-mg/L**	**NWW-mg/L**
Antimony	1.9	1.15
Arsenic	1.4	5.0
Barium	1.2	21
Beryllium	0.82	1.22
Cadmium	0.69	0.11
Chromium (Total)	2.77	0.60
Cyanide (Total)	1.2	590
Cyanide (Amenable)	0.86	30
Fluoride*	35	NA
Lead	0.69	0.75
Mercury (retort residues)	NA	0.20
Mercury (all others)	0.15	0.025
Nickel	3.98	11
Selenium	0.82	5.7
Silver	0.43	0.14
Sulfide	14	NA
Thallium	1.4	0.20
Vanadium*	4.3	1.6
Zinc*	2.61	4.3

* Fluoride, Vanadium, and Zinc are not "Underlying hazardous constituents" in characteristic wastes, according to the definition at 268.2(i).

DYNECOL

DYNECOL, INC.

6520 GEORGIA STREET
DETROIT, MICHIGAN 48211
PHONE: (313) 571-7141
FAX: (313) 571-7190

Dynecol, Inc.
6520 Georgia St.
Detroit, MI 48211

Attn: Customer Service Dept.

RE: Approval # 164327

Waste type: Unknown Acidic Liquid - DE11

Due to my specific knowledge of the process which generated this waste and/or the specific generation source, this waste is not a waste regulated under 40 CFR Subpart D 261.31, "Hazardous wastes from non-specific sources" (Michigan Act 451 R 299.9213), ("F" listed wastes); 40 CFR 261.32, "Hazardous wastes from specific sources" (Michigan Act 451 R 299.9213), ("K" listed wastes); 40 CFR 261.33, "Discarded commercial chemical products, off specification species, container residues, and spill residues, thereof" (Michigan Act 451 R 299.9214), ("P" and "U" listed wastes). Additionally due to my specific knowledge of this waste and the generating facility, this waste does not contain the following pesticides or herbicides; endrin, heptachlor, lindane, methoxychlor, chlordane, toxaphene, 2,4-D, 2,4,5-TP Silvex.

This waste will only be characterized under the provisions in 40 CFR Subpart C 261.20 through 261.24 (Act 451 R 299.9212) through the identification of the regulated characteristics that the waste exhibits.

DOUBLE EAGLE STEEL
COMPANY NAME

Christopher McBee
AUTHORIZED SIGNATURE

6/7/05
DATE

Midwest Analytical Services, Inc.
"Where industry comes for answers."
2905 Hilton Rd
Ferndale, MI 48220
All test reports include a chain of custody and a cover sheet.

Phone: (248) 591-6660
MI Only: (888) 801-4MAS
Fax No: (248) 591-6668

Date: 19-May-05

Client: Molly Dwinnells
Dynecol, Inc.

Order ID: 0505107

MAS Sample #: 050512013 - 014

Project ID: Double Eagle Steel Coating

Sample I.D.: 164327 Composite DE11 & DE10; 164326 DE12

The above mentioned project has been completed in accordance with the Quality Assurance Project Plan written by Midwest Analytical Services, Inc., using SW-846, DEQ, EPA, Standard Methods and ASTM documents as reference guidelines. Specific sample information is available upon request. This test report applies only to the samples received as stated on the Chain of Custody (COC).

Test reports are not complete unless accompanied by the COC and this cover sheet. MAS is not responsible for interpretation of this test report. Please read the following numbered comments carefully.

For your convenience the following legend applies to all the following data sheets:

1. Reports shall not be reproduced, except in full, without written approval of MAS.
2. N/D=Not detected.
3. Results relate only to the items tested.
4. ppm=parts per million, mg/l, mg/kg or mg/kg(dry weight)
   ppb=parts per billion, ug/l, ug/kg or ug/kg (dry weight)
5. QC information on file.
6. EQL=Estimated Quantitation Limit.
7. N/A=Not Applicable, Not Available.
8. Materials listed on the COC were analyzed as requested. See COC for details.
9. Data along with qualifiers make this a useable data set.

Additional comments and explanations:

J- Estimated value or values not accurate i.e. analyte found to be outside the established linear range of quantiation.

If you have any questions regarding this project feel free to contact me at (248) 591-6660 ext. 115 or (888) 801-4627 ext. 115. Thank you for choosing Midwest Analytical Services.

Charles Hindbaugh

Charles Hindbaugh

Quality Manager

Midwest Analytical Services, Inc.
"Where industry comes for answers."
2905 Hilton Rd
Ferndale, MI 48220
All test reports include a chain of custody and a cover sheet.

Phone: (248) 591-8660
MI Only: (888) 801-4MAS
Fax No: (248) 591-8668

Dynecol, Inc.
6250 Georgia St
Detroit, MI 48211-1594

Test Report
Order ID: 0506107
MAS Sample #: 050612013
Date Completed: 05/19/2005
PO Number: 17960

Project Identification: Double Eagle Steel Coating
Sample Identification: 164327 Composite DE11 & DE10
Physical Description: Liquid
Sample Date: 05/09/2005

Method Number	Parameter	Result	Units	EQL	Analyst	Date Analyzed	Data Flag
	Semi-volatile Organic Compounds:						
SW 846 8270C	N-Nitrosodimethylamine	N/D	mg/Kg	0.20	DC	05/14/2005	
SW 846 8270C	Pyridine	N/D	mg/Kg	0.20	DC	05/14/2005	
SW 846 8270C	Phenol	N/D	mg/Kg	0.20	DC	05/14/2005	
SW 846 8270C	Aniline	N/D	mg/Kg	0.20	DC	05/14/2005	
SW 846 8270C	Bis(2-chloroethyl) Ether	N/D	mg/Kg	0.20	DC	05/14/2005	
SW 846 8270C	2-Chlorophenol	N/D	mg/Kg	0.20	DC	05/14/2005	
SW 846 8270C	1,3,-Dichlorobenzene	N/D	mg/Kg	0.20	DC	05/14/2005	
SW 846 8270C	1,4-Dichlorobenzene	N/D	mg/Kg	0.20	DC	05/14/2005	
SW 846 8270C	Benzyl Alcohol	N/D	mg/Kg	0.20	DC	05/14/2005	
SW 846 8270C	1,2-Dichlorobenzene	N/D	mg/Kg	0.20	DC	05/14/2005	
SW 846 8270C	2-Methylphenol	N/D	mg/Kg	0.20	DC	05/14/2005	
SW 846 8270C	Bis(2-chloroisopropyl) Ether	N/D	mg/Kg	0.20	DC	05/14/2005	
SW 846 8270C	3,4-Methylphenol	N/D	mg/Kg	0.20	DC	05/14/2005	
SW 846 8270C	N-Nitrosodipropylamine	N/D	mg/Kg	0.20	DC	05/14/2005	
SW 846 8270C	Hexachloroethane	N/D	mg/Kg	0.20	DC	05/14/2005	
SW 846 8270C	Nitrobenzene	N/D	mg/Kg	0.20	DC	05/14/2005	
SW 846 8270C	Isophorone	N/D	mg/Kg	0.20	DC	05/14/2005	
SW 846 8270C	2-Nitrophenol	N/D	mg/Kg	0.20	DC	05/14/2005	
SW 846 8270C	2,4-Dimethylphenol	N/D	mg/Kg	0.20	DC	05/14/2005	
SW 846 8270C	Bis(2-chloroethoxy)methane	N/D	mg/Kg	0.20	DC	05/14/2005	
SW 846 8270C	Benzoic Acid	N/D	mg/Kg	0.20	DC	05/14/2005	
SW 846 8270C	2,4-Dichlorophenol	N/D	mg/Kg	0.20	DC	05/14/2005	
SW 846 8270C	1,2,4-Trichlorobenzene	N/D	mg/Kg	0.20	DC	05/14/2005	
SW 846 8270C	Naphthalene	N/D	mg/Kg	0.20	DC	05/14/2005	
SW 846 8270C	4-Chloroaniline	N/D	mg/Kg	0.20	DC	05/14/2005	
SW 846 8270C	Hexachlorobutadiene	N/D	mg/Kg	0.20	DC	05/14/2005	
SW 846 8270C	4-Chloro-3-methylphenol	N/D	mg/Kg	0.20	DC	05/14/2005	
SW 846 8270C	2-Methylnaphthalene	N/D	mg/Kg	0.20	DC	05/14/2005	
SW 846 8270C	Hexachlorocyclopentadiene	N/D	mg/Kg	0.20	DC	05/14/2005	
SW 846 8270C	2,4,6-Trichlorophenol	N/D	mg/Kg	0.20	DC	05/14/2005	

Charles Hindbaugh

Charles Hindbaugh
Quality Manager

Midwest Analytical Services, Inc.
"Where industry comes for answers."
2905 Hilton Rd
Ferndale, MI 48220
All test reports include a chain of custody and a cover sheet.

Phone: (248) 591-6660
MI Only: (888) 801-4MAS
Fax No: (248) 591-6668

Dynecol, Inc.
6250 Georgia St
Detroit, MI 48211-1594

Test Report
Order ID: 0505107
MAS Sample #: 050512013
Date Completed: 06/19/2005
PO Number: 17960

Project Identification: Double Eagle Steel Coating

Sample Identification: 164327 Composite DE11 & DE10

Physical Description: Liquid

Sample Date: 06/09/2005

Method Number	Parameter	Result	Units	EQL	Analyst	Date Analyzed	Data Flag
SW 846 8270C	2,4,5-Trichlorophenol	N/D	mg/Kg	0.20	DC	06/14/2005	
SW 846 8270C	2-Chloronaphthalene	N/D	mg/Kg	0.20	DC	05/14/2005	
SW 846 8270C	2-Nitroaniline	N/D	mg/Kg	0.20	DC	05/14/2005	
SW 846 8270C	Dimethyl Phthalate	N/D	mg/Kg	0.20	DC	05/14/2005	
SW 846 8270C	2,6-Dinitrotoluene	N/D	mg/Kg	0.20	DC	05/14/2005	
SW 846 8270C	Acenaphthylene	N/D	mg/Kg	0.20	DC	05/14/2005	
SW 846 8270C	3-Nitroaniline	N/D	mg/Kg	0.20	DC	05/14/2005	
SW 846 8270C	Acenaphthene	N/D	mg/Kg	0.20	DC	05/14/2005	
SW 846 8270C	2,4-Dinitrophenol	N/D	mg/Kg	0.20	DC	05/14/2005	
SW 846 8270C	4-Nitrophenol	N/D	mg/Kg	0.20	DC	05/14/2005	
SW 846 8270C	2,4-Dinitrotoluene	N/D	mg/Kg	0.20	DC	05/14/2005	
SW 846 8270C	Dibenzofuran	N/D	mg/Kg	0.20	DC	05/14/2005	
SW 846 8270C	Diethyl Phthalate	N/D	mg/Kg	0.20	DC	05/14/2005	
SW 846 8270C	2-Methyl-4,6-dinitrophenol	N/D	mg/Kg	0.20	DC	05/14/2005	
SW 846 8270C	3,3'-Dichlorobenzidine	N/D	mg/Kg	0.20	DC	05/14/2005	
SW 846 8270C	4,4'-DDD	N/D	mg/Kg	0.20	DC	05/14/2005	
SW 846 8270C	4,4'-DDE	N/D	mg/Kg	0.20	DC	05/14/2005	
SW 846 8270C	4,4'-DDT	N/D	mg/Kg	0.20	DC	05/14/2005	
SW 846 8270C	4-Bromophenyl-phenylether	N/D	mg/Kg	0.20	DC	05/14/2005	
SW 846 8270C	4-Chlorophenyl Phenyl Ether	N/D	mg/Kg	0.20	DC	05/14/2005	
SW 846 8270C	4-Nitroaniline	N/D	mg/Kg	0.20	DC	05/14/2005	
SW 846 8270C	Aldrin	N/D	mg/Kg	0.20	DC	05/14/2005	
SW 846 8270C	Alpha-BHC	N/D	mg/Kg	0.20	DC	05/14/2005	
SW 846 8270C	Alpha-chlordane	N/D	mg/Kg	0.20	DC	05/14/2005	
SW 846 8270C	Anthracene	N/D	mg/Kg	0.20	DC	05/14/2005	
SW 846 8270C	Azobenzene	N/D	mg/Kg	0.20	DC	05/14/2005	
SW 846 8270C	Benz(a)anthracene	N/D	mg/Kg	0.20	DC	05/14/2005	
SW 846 8270C	Benzidine	N/D	mg/Kg	0.20	DC	05/14/2005	
SW 846 8270C	Benzo [a]pyrene	N/D	mg/Kg	0.20	DC	05/14/2005	
SW 846 8270C	Benzo(b)fluoranthene	N/D	mg/Kg	0.20	DC	05/14/2005	
SW 846 8270C	Benzo(g,h,i)perylene	N/D	mg/Kg	0.20	DC	05/14/2005	

Charles Hindbaugh

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MI Only: (888) 801-4MAS
Fax No: (248) 591-6668

'Dynecol, Inc.
6250 Georgia St
Detroit, MI 48211-1594

Test Report
Order ID: 0508107
MAS Sample #: 050512013
Date Completed: 05/19/2005
PO Number: 17960

Project Identification: Double Eagle Steel Coating

Sample Identification: 164327 Composite DE11 & DE10

Physical Description: Liquid

Sample Date: 05/09/2005

Method Number	Parameter	Result	Units	EQL	Analyst	Date Analyzed	Data Flag
SW 846 8270C	Benzo(k)fluoranthene	N/D	mg/Kg	0.20	DC	05/14/2005	
SW 846 8270C	Beta-BHC	N/D	mg/Kg	0.20	DC	05/14/2005	
SW 846 8270C	Bis(2-ehtylhexyl)phthalate	N/D	mg/Kg	0.20	DC	05/14/2005	
SW 846 8270C	Butyl Benzyl Phthalate	N/D	mg/Kg	0.20	DC	05/14/2005	
SW 846 8270C	Chrysene	N/D	mg/Kg	0.20	DC	05/14/2005	
SW 846 8270C	Delta BHC	N/D	mg/Kg	0.20	DC	05/14/2005	
SW 846 8270C	Di-n-butylphthalate	N/D	mg/Kg	0.20	DC	05/14/2005	
SW 846 8270C	Di-n-octyl Phthalate	N/D	mg/Kg	0.20	DC	05/14/2005	
SW 846 8270C	Dibenzo(a,h)anthracene	N/D	mg/Kg	0.20	DC	05/14/2005	
SW 846 8270C	Dieldrin	N/D	mg/Kg	0.20	DC	05/14/2005	
SW 846 8270C	Endosulfan I	N/D	mg/Kg	0.20	DC	05/14/2005	
SW 846 8270C	Endosulfan II	N/D	mg/Kg	0.20	DC	05/14/2005	
SW 846 8270C	Endosulfan Sulfate	N/D	mg/Kg	0.20	DC	05/14/2005	
SW 846 8270C	Endrin	N/D	mg/Kg	0.20	DC	05/14/2005	
SW 846 8270C	Endrin Aldehyde	N/D	mg/Kg	0.20	DC	05/14/2005	
SW 846 8270C	Fluoranthene	N/D	mg/Kg	0.20	DC	05/14/2005	
SW 846 8270C	Fluorene	N/D	mg/Kg	0.20	DC	05/14/2005	
SW 846 8270C	Gamma BHC	N/D	mg/Kg	0.20	DC	05/14/2005	
SW 846 8270C	Gamma-chlordane	N/D	mg/Kg	0.20	DC	05/14/2005	
SW 846 8270C	Heptachlor	N/D	mg/Kg	0.20	DC	05/14/2005	
SW 846 8270C	Heptachlor Epoxide	N/D	mg/Kg	0.20	DC	05/14/2005	
SW 846 8270C	Hexachlorobenzene	N/D	mg/Kg	0.20	DC	05/14/2005	
SW 846 8270C	Indeno(1,2,3-cd)pyrene	N/D	mg/Kg	0.20	DC	05/14/2005	
SW 846 8270C	N-Nitrosodiphenylamine	N/D	mg/Kg	0.20	DC	05/14/2005	
SW 846 8270C	Pentachlorophenol	N/D	mg/Kg	0.20	DC	05/14/2005	
SW 846 8270C	Phenanthrene	N/D	mg/Kg	0.20	DC	05/14/2005	
SW 846 8270C	Pyrene	N/D	mg/Kg	0.20	DC	05/14/2005	

Charles Hindbaugh

Charles Hindbaugh
Quality Manager

22345 Roethel Drive
Novi, MI 48375
248.344.1770
Fax 248.344.2654

Clayton GROUP SERVICES

May 05, 2005

Christopher McBee
DOUBLE EAGLE STEEL COATING COMPANY
3000 Miller Road
Dearborn, MI 48120-

Clayton Work Order No. 05050133

Reference:

Dear Christopher McBee:

Clayton Group Services received 4 samples on 5/4/2005 for the analyses presented in the following report.

This is an additional report. Please see the Case Narrative for details.

This material is confidential and is intended solely for the person to whom it is addressed. If this is received in error, please contact the number provided below.

We appreciate the opportunity to assist you. If you have any questions concerning this report, please contact a Client Services Representative at (800) 806-5887.

Sincerely,

Karen Coonan

Karen Coonan
Client Services Representative

cc:

CASE NARRATIVE

Date: *05-May-05*

CLIENT: DOUBLE EAGLE STEEL COATING COMPANY

Project:

Work Order No 05050133

Unless otherwise noted below, all quality control results associated with this sample set were within acceptable limits and/or do not adversely affect the reported results.

This is additional work. The original Work Order number is 05040641.

ANALYTICAL RESULTS

Date: *05-May-05*

CLIENT:	DOUBLE EAGLE STEEL COATING COMPANY	Client Sample ID:	DE 11 UNKNOWN
Work Order No:	05050133	Tag Number:	
Project:		Collection Date:	4/7/2005 11:00:00 AM
Lab ID:	05050133-003A	Matrix:	BULK LIQUID

Analyses	Result	Reporting Limit	Qual	Units	DF	Date Analyzed	Analyst
REACTIVE CYANIDE, EPA SW 846 CHAPTER 7.3.3.2							
Reactive Cyanide	ND	0.10		mg/L	1	5/4/2005	HML
REACTIVE SULFIDE; EPA SW 846 CHAPTER 7.3.4.2							
Reactive Sulfide	ND	100		mg/L	1	5/4/2005	HML

Qualifiers:

ND - Not Detected at the Reporting Limit (RL).
J - Analyte detected below the Reporting Limit
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
T - Tentatively Identified Compound (TIC)

ANALYTICAL RESULTS

Date: *29-Apr-05*

CLIENT: DOUBLE EAGLE STEEL COATING COMPANY
Client Sample ID: DE 11 UNKNOWN
Work Order No: 05040641
Tag Number:
Project:
Collection Date: 4/7/05 11:00:00 AM
Lab ID: 05040641-004B
Matrix: LEACHATE

Analyses	Result	Reporting Limit	Qual	Units	DF	Date Analyzed	Analyst
ICP METALS;LEACHATE: METHOD EPA 1311/6010B							
Arsenic	0.11	0.10		mg/L	1	4/21/05	CAW
Barium	ND	0.10		mg/L	1	4/21/05	CAW
Cadmium	ND	0.050		mg/L	1	4/21/05	CAW
Chromium	ND	0.10		mg/L	1	4/21/05	CAW
Lead	ND	0.10		mg/L	1	4/21/05	CAW
Selenium	ND	0.20		mg/L	1	4/21/05	CAW
Silver	ND	0.020		mg/L	1	4/21/05	CAW
MERCURY; LEACHED: METHOD EPA 1311/7470A							
Mercury	ND	0.0010		mg/L	1	4/21/05	CAW
GC/MS TCLP VOLATILES; METHOD EPA 1311/8260B							
Benzene	ND	0.20		mg/L	200	4/21/05 12:32:00 P	DRS
2-Butanone	ND	4.0		mg/L	200	4/21/05 12:32:00 P	DRS
Carbon tetrachloride	ND	0.20		mg/L	200	4/21/05 12:32:00 P	DRS
Chlorobenzene	ND	0.20		mg/L	200	4/21/05 12:32:00 P	DRS
Chloroform	ND	0.20		mg/L	200	4/21/05 12:32:00 P	DRS
1,2-Dichloroethane	ND	0.20		mg/L	200	4/21/05 12:32:00 P	DRS
1,1-Dichloroethene	ND	0.20		mg/L	200	4/21/05 12:32:00 P	DRS
Tetrachloroethene	ND	0.20		mg/L	200	4/21/05 12:32:00 P	DRS
Trichloroethene	ND	0.20		mg/L	200	4/21/05 12:32:00 P	DRS
Vinyl chloride	ND	0.20		mg/L	200	4/21/05 12:32:00 P	DRS

Qualifiers:

ND - Not Detected at the Reporting Limit (RL).
J - Analyte detected below the Reporting Limit
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
T - Tentatively Identified Compound (TIC)

ANALYTICAL RESULTS

Date: *29-Apr-05*

CLIENT: DOUBLE EAGLE STEEL COATING COMPANY
Work Order No: 05040641
Project:
Lab ID: 05040641-004A

Client Sample ID: DE 11 UNKNOWN
Tag Number:
Collection Date: 4/7/05 11:00:00 AM
Matrix: WASTE

Analyses	Result	Reporting Limit	Qual	Units	DF	Date Analyzed	Analyst
PCBS BY GC; METHOD EPA 8082							
Aroclor 1016	ND	17		µg/L	1	4/21/05	BVP
Aroclor 1221	ND	17		µg/L	1	4/21/05	BVP
Aroclor 1232	ND	17		µg/L	1	4/21/05	BVP
Aroclor 1242	ND	17		µg/L	1	4/21/05	BVP
Aroclor 1248	ND	17		µg/L	1	4/21/05	BVP
Aroclor 1254	ND	17		µg/L	1	4/21/05	BVP
Aroclor 1260	ND	17		µg/L	1	4/21/05	BVP

Qualifiers:
ND - Not Detected at the Reporting Limit (RL).
J - Analyte detected below the Reporting Limit
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
T - Tentatively Identified Compound (TIC)

Clayton GROUP SERVICES

REQUEST FOR LABORATORY ANALYTICAL SERVICES

IMPORTANT
Date Results Requested: _____
Rush Charges Authorized? ☐ Yes ☐ No
☐ Fax or ☒ E-mail Results
E-mail address: mcbee@desc.com

Page ____ of ____
For Clayton Use Only
Clayton Lab Project No. 05050133 ~~05040641~~

REPORT RESULTS TO
Name: CHRISTOPHER MCBEE
Company: DOUGLAS EAGLE
Mailing Address: 3000 Miller Rd
City, State, Zip: Dearborn MI 48120
Telephone No.: 313-203-9829 FAX No.: 313-203-9705
Client Job No.:
Dept.:

SEND INVOICE TO
Purchase Order No.:
Name:
Company: Dept.:
Address:
City, State, Zip:

Special instructions and/or specific regulatory requirements: (method, limit of detection, etc.)

Samples are: (check if applicable)
☐ Drinking Water
☐ Groundwater
☐ Wastewater

* Explanation of Preservative

ANALYSIS REQUESTED (Enter an 'X' in the box below to indicate request. Enter a '*' if Preservative added.)

CLIENT SAMPLE IDENTIFICATION	DATE SAMPLED	TIME SAMPLED	MATRIX/ MEDIA	AIR VOLUME (specify units)	Number of Containers	TCLP VOC	TCLP SVOC	TCLP Metals	FLASH	PCB	Total Metals	Total PCB				FOR LAB USE ONLY
DE 14 - Paint Scraping	4/7	11a.m.	SOLID			X										
DE 12 Unknown			LIQUID SOLID			X	X	X	X	X		X				
DE 10 UNKNOWN LIQUID			LIQUID			X	X	X	X	X		X				
DE 11 UNKNOWN			LIQUID			X	X	X	X	X		X				
DE 9 UNKNOWN			SOLID			X										
DE 8 Alley tank Sludge			SOLID			X										
DE 7 UNKNOWN OIL			LIQUID								X	X				

CHAIN OF CUSTODY
Collected by: D. Neal (print) — Collector's Signature:
Relinquished by: C. McBee — Date/Time 4/14 12:05 pm
Relinquished by: — Date/Time
Method of Shipment:
Received by: 4/14/05 — Date/Time 12:05
Received by: — Date/Time
Received at Lab by: — Date/Time 4/14
Sample Condition Upon Receipt: ☒ Acceptable ☐ Other (explain)
Authorized by: _____ Date _____
(Client Signature MUST Accompany Request)

328

2.7
3.7
3.1

Please return completed form and samples to one of the Clayton Group Services, Inc. labs listed below:

Detroit Regional Lab
22345 Roethel Drive
Novi, MI 48375
(800) 806-5867
(248) 344-1770
FAX (248) 344-2855

Atlanta Regional Lab
3380 Chastain Meadows Parkway, Suite 300
Kennesaw, GA 30144
(800) 252-9919
(770) 499-7500
FAX (770) 423-4990

Seattle Regional Lab
4635 E. Marginal Way S., Suite 215
Seattle, WA 98134
(800) 568-7756
(206) 763-7364
FAX (206) 763-4189

DISTRIBUTION:
White = Clayton Laboratory
Yellow = Clayton Accounting
Pink = Client Copy

9/97 20K

DYNECOL
MID 074259565

DYNFLS-01

DYNECOL, INC.

6520 GEORGIA STREET
DETROIT, MICHIGAN 48211
PHONE: (313) 571-7141
FAX: (313) 571-7190

Recertification: Y (N)

WASTE APPROVAL FORM

Approval # 164326

Code 51

I GENERAL INFORMATION

Customer: Same	Generator: Double Eagle Coating Company
Address:	Address: 3000 Miller Rd
City:	City: Dearborn
State: Zip Code:	State: MI Zip Code: 48120
Contact:	Contact: Christopher McBee
Phone #: Fax:	Phone #: 313-203-9829 Fax: 313-203-9705
24 hour phone #:	EPA ID#: MID 981 092 190

II WASTE DESCRIPTION

Waste Common Name: DE12

Specific Process Generating the Waste:

Unknown drum Believed to be paint waste

WASTE COMPOSITION (must equal 100%):	ACTUAL %	MIN.	MAX.
Paint	80		
Sludge (paint solids/dirt)	20		

CIRCLE YES (Y) OR NO (N) TO THE FOLLOWING CHARACTERISTICS OR CONTAMINANTS

Carcinogen Y (N) Oxidizer Y (N) Organics (Y) N Explosives Y (N) Phenols Y (N) Hexavalent Chromium Y (N)
Radioactives Y (N) Poison Y (N) PCBs Y (N) Pesticides Y (N)

As defined in 40 CFR 268: (X) Non-wastewater ( ) Wastewater (LIQUID) SOLID (SLURRY)

Sample submitted to Dynecol: (Y) N Color: yellow to clear, white solid

III RCRA/ACT 64 WASTE CHARACTERIZATION

This is a **hazardous** waste as defined by either Michigan Act 451 or EPA 40 CFR 261: Yes X No

If yes, list all waste codes: D001, D018, D019, D028, D029, D039, D040, D043, D030

This is a **non-hazardous** waste as defined by Michigan Act 451: Yes ____ No X

If yes, list all waste codes:

This waste contains a toxicity characteristic of 40 CFR 261.24 identified as waste codes D018 through D043:

Yes X No ____ * Unknown ____

If yes, list all waste codes: D018, D019, D028, D029, D039, D040, D043, D030

* If based on generator knowledge, please read and understand certification in Section VI

DO12 D001

IV SHIPPING INFORMATION

Waste Volume: 1 UNIT: (circle one) GALLONS POUNDS DRUMS OTHER

Shipment Frequency: (circle one) WEEK MONTH QUARTER YEAR ONE TIME ONLY

DOT Proper Shipping Name per 49 CFR 172.101:
RQ, Waste Paint related Material

DOT Hazard Class: 3 UN/NA Number: 1263 Packing Group: I (II) III None

V COMMENTS

There are no pesticides and herbicides used on site.

VI GENERATOR CERTIFICATION

I certify under penalty of law that I personally have examined and am familiar with the waste through analysis and testing or through knowledge of the waste, and I believe that the information I submitted is true, accurate and complete.

CHRISTOPHER MCBEE
Generator Name (Please print or type)

6 / 7 / 05
Date

Christopher McBee
Generator Signature

ENVIRONMENTAL ENGINEER
Title

VII WASTE ANALYSIS

MINIMUM ANALYTICAL REQUIREMENTS FOR HAZARDOUS WASTES ARE (All Methods per SW846):

- Flash, pH, and Reactives (Detection limit of 20ppm for Cyanide and Sulfide)
- PCBs, %HOCs (Method 9020), (Nickel and Thallium as necessary)
- TCLP metals: Arsenic, Barium, Cadmium, Chromium, Lead, Mercury, Selenium, Silver
- Michigan metals: Copper and Zinc (as necessary)

(The above items may be restricted from land disposal.)

LABORATORY ANALYSIS IS ATTACHED FOR THE ABOVE ITEMS:

Yes____ No____ Complete____ Partial____* MSDS____

* ____ Authorization for Dynecol to perform analysis as necessary

Purchase Order #____

VIII DYNECOL USE ONLY

Approval #: 164326

Treatment Facility: CMF: ✓

Approved by:

Expiration date: 6/7/2006

*$85/Drum base

Date: Solids will be surcharged case by case.

DYNECOL
MID 074259565

DYNECOL, INC.
(313) 571-7141

CERTIFICATION FORM

(Submit with waste approval package)

UNDERLYING CONSTITUENTS/VOLATILE ORGANIC COMPOUNDS (VOC)

APPROVAL NUMBER: 164326 EPA ID NUMBER: MID 981 092 190

GENERATOR NAME: Double Eagle Steel Coating Co.

EPA HAZARDOUS WASTE NUMBERS: D001, D018, D019, D028, D029, D039, D040, D043, D030

MANIFEST NUMBER (IF APPLICABLE): _____

PLEASE PLACE A CHECK MARK IN THE APPROPRIATE BOX:

- [ ] THIS WASTE IS NOT PROHIBITED FROM LAND DISPOSAL. (NOTE – ADDITIONAL CERTIFICATIONS MAY BE REQUIRED)
- [x] THIS WASTE IS PROHIBITED FROM LAND DISPOSAL.
- [x] THE WASTE DOES NOT CONTAIN UNDERLYING HAZARDOUS CONSTITUENTS LISTED IN 40 CFR 268.48 TABLE UTS-UNIVERSAL TREATMENT STANDARDS (EXCLUDING FLUORIDE, VANADIUM AND/OR ZINC).
- [ ] THE WASTE DOES CONTAIN UNDERLYING HAZARDOUS CONSTITUENTS LISTED IN 40 CFR 268.48 TABLE UTS-UNIVERSAL TREATMENT STANDARDS (EXCLUDING FLUORIDE, VANADIUM AND/OR ZINC).
- [ ] THE WASTE DOES NOT CONTAIN VOLATILE ORGANIC COMPOUNDS GREATER THAN 500 PPM.
- [x] THE WASTE DOES CONTAIN VOLATILE ORGANIC COMPOUNDS GREATER THAN 500 PPM.

NOTE: ADDITIONAL INFORMATION AS REQUIRED PER 40 CFR 268.7 GENERAL PAPERWORK REQUIREMENTS TABLE CAN BE FOUND IN THE ATTACHED DYNECOL WASTE APPROVAL FORM.

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE WASTE THROUGH ANALYSIS AND TESTING OR THROUGH KNOWLEDGE OF THE WASTE, AND BELIEVE THAT THE INFORMATION I SUBMITTED IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING A FALSE CERTIFICATION, INCLUDING A POSSIBILITY OF A FINE AND/OR IMPRISONMENT.

Christopher McBee — AUTHORIZED SIGNATURE

CHRISTOPHER McBEE — PRINTED NAME

6/7/05 — DATE

DYNECOL

DYNECOL, INC.

6520 GEORGIA STREET
DETROIT, MICHIGAN 48211
PHONE: (313) 571-7141
FAX: (313) 571-7190

Dynecol, Inc.
6520 Georgia St.
Detroit, MI 48211

Attn: Customer Service Dept.

RE: Approval # 164324

Waste type: Unknown Liquid - DOGI

Due to my specific knowledge of the process which generated this waste and/or the specific generation source, this waste is not a waste regulated under 40 CFR Subpart D 261.31, "Hazardous wastes from non-specific sources" (Michigan Act 451 R 299.9213), ("F" listed wastes); 40 CFR 261.32, "Hazardous wastes from specific sources" (Michigan Act 451 R 299.9213), ("K" listed wastes); 40 CFR 261.33, "Discarded commercial chemical products, off specification species, container residues, and spill residues, thereof" (Michigan Act 451 R 299.9214), ("P" and "U" listed wastes). Additionally due to my specific knowledge of this waste and the generating facility, this waste does not contain the following pesticides or herbicides; endrin, heptachlor, lindane, methoxychlor, chlordane, toxaphene, 2,4-D, 2,4,5-TP Silvex.

This waste will only be characterized under the provisions in 40 CFR Subpart C 261.20 through 261.24 (Act 451 R 299.9212) through the identification of the regulated characteristics that the waste exhibits.

Double Eagle Steel
COMPANY NAME

Christopher McBee
AUTHORIZED SIGNATURE

6/7/05
DATE

22345 Roethel Drive
Novi, MI 48375
248.344.1770
Fax 248.344.2654

Clayton GROUP SERVICES

May 05, 2005

Christopher McBee
DOUBLE EAGLE STEEL COATING COMPANY
3000 Miller Road
Dearborn, MI 48120-

Clayton Work Order No. 05050133

Reference:

Dear Christopher McBee:

Clayton Group Services received 4 samples on 5/4/2005 for the analyses presented in the following report.

This is an additional report. Please see the Case Narrative for details.

This material is confidential and is intended solely for the person to whom it is addressed. If this is received in error, please contact the number provided below.

We appreciate the opportunity to assist you. If you have any questions concerning this report, please contact a Client Services Representative at (800) 806-5887.

Sincerely,

Karen Coonan

Karen Coonan
Client Services Representative

cc:

CASE NARRATIVE

Date: *05-May-05*

CLIENT: DOUBLE EAGLE STEEL COATING COMPANY

Project:

Work Order No 05050133

Unless otherwise noted below, all quality control results associated with this sample set were within acceptable limits and/or do not adversely affect the reported results.

This is additional work. The original Work Order number is 05040641.

ANALYTICAL RESULTS

Date: *05-May-05*

CLIENT: DOUBLE EAGLE STEEL COATING COMPANY
Client Sample ID: [redacted]
Work Order No: 05050133
Tag Number:
Project:
Collection Date: 4/7/2005 11:00:00 AM
Lab ID: 05050133-001A
Matrix: WASTE

Analyses	Result	Reporting Limit	Qual	Units	DF	Date Analyzed	Analyst
REACTIVE CYANIDE, EPA SW 846 CHAPTER 7.3.3.2							
Reactive Cyanide	ND	0.10		mg/Kg	1	5/4/2005	HML
REACTIVE SULFIDE; EPA SW 846 CHAPTER 7.3.4.2							
Reactive Sulfide	ND	100		mg/Kg	1	5/4/2005	HML

Qualifiers:

ND - Not Detected at the Reporting Limit (RL).
J - Analyte detected below the Reporting Limit
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
T - Tentatively Identified Compound (TIC)

ANALYTICAL RESULTS

Date: *29-Apr-05*

CLIENT: DOUBLE EAGLE STEEL COATING COMPANY
Client Sample ID: DE 12 UNKNOWN
Work Order No: 05040641
Tag Number:
Project:
Collection Date: 4/7/05 11:00:00 AM
Lab ID: 05040641-002C
Matrix: WASTE

Analyses	Result	Reporting Limit	Qual	Units	DF	Date Analyzed	Analyst
IGNITABILITY; METHOD EPA 1010							
Ignitability	116	0		°F	1	4/25/05	CLH
PH, ELECTROMETRIC; METHOD EPA 9040B							
pH	8.8	1.0		pH Units	1	4/19/05 11:00:00	HML

Qualifiers:
ND - Not Detected at the Reporting Limit (RL).
J - Analyte detected below the Reporting Limit
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
T - Tentatively Identified Compound (TIC)

ANALYTICAL RESULTS

Date: *29-Apr-05*

CLIENT: DOUBLE EAGLE STEEL COATING COMPANY
Client Sample ID: DE-12 UNKNOWN
Work Order No: 05040641
Tag Number:
Project:
Collection Date: 4/7/05 11:00:00 AM
Lab ID: 05040641-002B
Matrix: LEACHATE

Analyses	Result	Reporting Limit	Qual	Units	DF	Date Analyzed	Analyst
ICP METALS;LEACHATE: METHOD EPA 1311/6010B							
Arsenic	0.15	0.10		mg/L	1	4/21/05	CAW
Barium	ND	0.10		mg/L	1	4/21/05	CAW
Cadmium	ND	0.050		mg/L	1	4/21/05	CAW
Chromium	ND	0.10		mg/L	1	4/21/05	CAW
Lead	ND	0.10		mg/L	1	4/21/05	CAW
Selenium	ND	0.20		mg/L	1	4/21/05	CAW
Silver	ND	0.020		mg/L	1	4/21/05	CAW
MERCURY; LEACHED: METHOD EPA 1311/7470A							
Mercury	ND	0.0010		mg/L	1	4/21/05	CAW
GC/MS TCLP VOLATILES; METHOD EPA 1311/8260B							
* Benzene	ND	1.0		mg/L	1000	4/21/05 1:45:00 P	DRS
2-Butanone	110	20		mg/L	1000	4/21/05 1:45:00 P	DRS
* Carbon tetrachloride	ND	1.0		mg/L	1000	4/21/05 1:45:00 P	DRS
Chlorobenzene	ND	1.0		mg/L	1000	4/21/05 1:45:00 P	DRS
Chloroform	ND	1.0		mg/L	1000	4/21/05 1:45:00 P	DRS
* 1,2-Dichloroethane	ND	1.0		mg/L	1000	4/21/05 1:45:00 P	DRS
* 1,1-Dichloroethene	ND	1.0		mg/L	1000	4/21/05 1:45:00 P	DRS
* Tetrachloroethene	ND	1.0		mg/L	1000	4/21/05 1:45:00 P	DRS
* Trichloroethene	ND	1.0		mg/L	1000	4/21/05 1:45:00 P	DRS
* Vinyl chloride	ND	1.0		mg/L	1000	4/21/05 1:45:00 P	DRS

Qualifiers:

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J - Analyte detected below the Reporting Limit
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
T - Tentatively Identified Compound (TIC)

ANALYTICAL RESULTS

Date: *29-Apr-05*

CLIENT: DOUBLE EAGLE STEEL COATING COMPANY

Client Sample ID: DE 12 UNKNOWN

Work Order No: 05040641

Tag Number:

Project:

Collection Date: 4/7/05 11:00:00 AM

Lab ID: 05040641-002A

Matrix: WASTE

Analyses	Result	Reporting Limit	Qual	Units	DF	Date Analyzed	Analyst
PCBS BY GC; METHOD EPA 8082							
Aroclor 1016	ND	17		µg/L	1	4/21/05	BVP
Aroclor 1221	ND	17		µg/L	1	4/21/05	BVP
Aroclor 1232	ND	17		µg/L	1	4/21/05	BVP
Aroclor 1242	ND	17		µg/L	1	4/21/05	BVP
Aroclor 1248	ND	17		µg/L	1	4/21/05	BVP
Aroclor 1254	ND	17		µg/L	1	4/21/05	BVP
Aroclor 1260	ND	17		µg/L	1	4/21/05	BVP

Qualifiers:

ND - Not Detected at the Reporting Limit (RL).
J - Analyte detected below the Reporting Limit
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
T - Tentatively Identified Compound (TIC)

Clayton GROUP SERVICES

REQUEST FOR LABORATORY ANALYTICAL SERVICES

IMPORTANT

Date Results Requested: _____

Rush Charges Authorized? ☐ Yes ☐ No

☐ Fax or ☒ E-mail Results

E-mail address: mcbee@desca.com

Page ____ of ____

For Clayton Use Only
Clayton Lab Project No. 08040641

REPORT RESULTS TO

Name: CHRISTOPHER MCBEE
Company: DOUGLAS EAGLE
Mailing Address: 3000 Miller Rd
City, State, Zip: Dearborn MI 48120
Telephone No.: 313-203-9829 FAX No.: 313-203-9705
Client Job No.:
Dept.:

SEND INVOICE TO

Purchase Order No.:
Name:
Company: Dept.:
Address:
City, State, Zip:

Special instructions and/or specific regulatory requirements:
(method, limit of detection, etc.)

Samples are:
(check if applicable)
☐ Drinking Water
☐ Groundwater
☐ Wastewater

* Explanation of Preservative

ANALYSIS REQUESTED
(Enter an 'X' in the box below to indicate request. Enter a '#' if Preservative added.*)

CLIENT SAMPLE IDENTIFICATION	DATE SAMPLED	TIME SAMPLED	MATRIX/ MEDIA	AIR VOLUME (specify units)	Number of Containers	TCLP M-8	TCLP VOC	TCLP SVOC	FLASH	PCB	Total Halogens	Total PCB				FOR LAB USE ONLY
DE 14 - paint scraping	4/7	11 a.m.	SOLID			X										
DE 12 Unknown			LIQUID SOLID			X	X	X	X	X		X				
DE 10 UNKNOWN LIQUID			LIQUID			X	X	X	X	X		X				
DE 11 UNKNOWN			LIQUID			X	X	X	X	X		X				
DE 9 UNKNOWN			SOLID			X										
DE 8 Alloy tank skimming			SOLID			X										
DE 7 UNKNOWN OIL			LIQUID								X	X				

CHAIN OF CUSTODY

Collected by: Dynecel (print) — Collector's Signature:
Relinquished by: C. McBee — Date/Time 4/14 12:05 pm — Received by: 4/14/05 — Date/Time 12:05
Relinquished by: — Date/Time — Received by: — Date/Time
Method of Shipment: — Received at Lab by: Dan — Date/Time 4/14
Sample Condition Upon Receipt: ☒ Acceptable ☐ Other (explain) 328

Authorized by: _____ Date _____
(Client Signature MUST Accompany Request)

2.7
3.7
3.1

Please return completed form and samples to one of the Clayton Group Services, Inc. labs listed below:

Detroit Regional Lab
22345 Roethel Drive
Novi, MI 48375
(800) 806-5887
(248) 344-1770
FAX (248) 344-2655

Atlanta Regional Lab
3380 Chastain Meadows Parkway, Suite 300
Kennesaw, GA 30144
(800) 252-9919
(770) 499-7500
FAX (770) 423-4990

Seattle Regional Lab
4636 E. Marginal Way S., Suite 215
Seattle, WA 98134
(800) 568-7755
(206) 763-7364
FAX (206) 763-4189

DISTRIBUTION:
White = Clayton Laboratory
Yellow = Clayton Accounting
Pink = Client Copy

9/97 20K

Midwest Analytical Services, Inc.

"Where industry comes for answers."

2905 Hilton Rd
Ferndale, MI 48220

Phone: (248) 591-6660
MI Only: (888) 801-4MAS
Fax No: (248) 591-6668

All test reports include a chain of custody and a cover sheet.

Date: 19-May-05

Client: Molly Dwinnells
Dynecol, Inc.

Order ID: 0505107

MAS Sample #: 050512013 - 014

Project ID: Double Eagle Steel Coating

Sample I.D.: 164327 Composite DE11 & DE10, 164326 DE12

The above mentioned project has been completed in accordance with the Quality Assurance Project Plan written by Midwest Analytical Services, Inc., using SW-846, DEQ, EPA, Standard Methods and ASTM documents as reference guidelines. Specific sample information is available upon request. This test report applies only to the samples received as stated on the Chain of Custody (COC).

Test reports are not complete unless accompanied by the COC and this cover sheet. MAS is not responsible for interpretation of this test report. Please read the following numbered comments carefully.

For your convenience the following legend applies to all the following data sheets:

1. Reports shall not be reproduced, except in full, without written approval of MAS.
2. N/D=Not detected.
3. Results relate only to the items tested.
4. ppm=parts per million, mg/l, mg/kg or mg/kg(dry weight)
   ppb=parts per billion, ug/l, ug/kg or ug/kg (dry weight)
5. QC information on file.
6. EQL=Estimated Quantitation Limit.
7. N/A=Not Applicable, Not Available.
8. Materials listed on the COC were analyzed as requested. See COC for details.
9. Data along with qualifiers make this a useable data set.

Additional comments and explanations:

J- Estimated value or values not accurate i.e. analyte found to be outside the established linear range of quantiation.

If you have any questions regarding this project feel free to contact me at (248) 591-6660 ext. 115 or (888) 801-4627 ext. 115. Thank you for choosing Midwest Analytical Services.

Charles Hindbaugh

Charles Hindbaugh

Quality Manager

Midwest Analytical Services, Inc.

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Ferndale, MI 48220

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MI Only: (888) 801-4MAS
Fax No: (248) 591-6668

All test reports include a chain of custody and a cover sheet.

Dynecol, Inc.
6250 Georgia St
Detroit, MI 48211-1594

Test Report
Order ID: 0505107
MAS Sample #: 050512014
Date Completed: 05/19/2005
PO Number: 17960

Project Identification: Double Eagle Steel Coating

Sample Identification: 164326 DE12

Physical Description: Liquid

Sample Date: 05/09/2005

Method Number	Parameter	Result	Units	EQL	Analyst	Date Analyzed	Data Flag
	Semi-volatile Organic Compounds:						
SW 846 8270C	N-Nitrosodimethylamine	N/D	mg/Kg	0.20	DC	05/14/2005	
SW 846 8270C	Pyridine	N/D	mg/Kg	0.20	DC	05/14/2005	
SW 846 8270C	Phenol	N/D	mg/Kg	0.20	DC	05/14/2005	
SW 846 8270C	Aniline	N/D	mg/Kg	0.20	DC	05/14/2005	
SW 846 8270C	Bis(2-chloroethyl) Ether	N/D	mg/Kg	0.20	DC	05/14/2005	
SW 846 8270C	2-Chlorophenol	N/D	mg/Kg	0.20	DC	05/14/2005	
SW 846 8270C	1,3,-Dichlorobenzene	N/D	mg/Kg	0.20	DC	05/14/2005	
SW 846 8270C	1,4-Dichlorobenzene	N/D	mg/Kg	0.20	DC	05/14/2005	
SW 846 8270C	Benzyl Alcohol	3200	mg/Kg	0.20	DC	05/14/2005	J
SW 846 8270C	1,2-Dichlorobenzene	N/D	mg/Kg	0.20	DC	05/14/2005	
SW 846 8270C	2-Methylphenol	N/D	mg/Kg	0.20	DC	05/14/2005	
SW 846 8270C	Bis(2-chloroisopropyl) Ether	N/D	mg/Kg	0.20	DC	05/14/2005	
SW 846 8270C	3,4-Methylphenol	N/D	mg/Kg	0.20	DC	05/14/2005	
SW 846 8270C	N-Nitrosodipropylamine	N/D	mg/Kg	0.20	DC	05/14/2005	
SW 846 8270C	Hexachloroethane	N/D	mg/Kg	0.20	DC	05/14/2005	
SW 846 8270C	Nitrobenzene	N/D	mg/Kg	0.20	DC	05/14/2005	
SW 846 8270C	Isophorone	N/D	mg/Kg	0.20	DC	05/14/2005	
SW 846 8270C	2-Nitrophenol	N/D	mg/Kg	0.20	DC	05/14/2005	
SW 846 8270C	2,4-Dimethylphenol	N/D	mg/Kg	0.20	DC	05/14/2005	
SW 846 8270C	Bis(2-chloroethoxy)methane	N/D	mg/Kg	0.20	DC	05/14/2005	
SW 846 8270C	Benzoic Acid	N/D	mg/Kg	0.20	DC	05/14/2005	
SW 846 8270C	2,4-Dichlorophenol	N/D	mg/Kg	0.20	DC	05/14/2005	
SW 846 8270C	1,2,4-Trichlorobenzene	N/D	mg/Kg	0.20	DC	05/14/2005	
SW 846 8270C	Naphthalene	N/D	mg/Kg	0.20	DC	05/14/2005	
SW 846 8270C	4-Chloroaniline	N/D	mg/Kg	0.20	DC	05/14/2005	
SW 846 8270C	Hexachlorobutadiene	N/D	mg/Kg	0.20	DC	05/14/2005	
SW 846 8270C	4-Chloro-3-methylphenol	N/D	mg/Kg	0.20	DC	05/14/2005	
SW 846 8270C	2-Methylnaphthalene	N/D	mg/Kg	0.20	DC	05/14/2005	
SW 846 8270C	Hexachlorocyclopentadiene	N/D	mg/Kg	0.20	DC	05/14/2005	
SW 846 8270C	2,4,6-Trichlorophenol	N/D	mg/Kg	0.20	DC	05/14/2005	

Charles Hindbaugh

Charles Hindbaugh
Quality Manager

Midwest Analytical Services, Inc.

"Where industry comes for answers."

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Ferndale, MI 48220

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Fax No: (248) 591-6668

All test reports include a chain of custody and a cover sheet.

Dynecol, Inc.
6250 Georgia St
Detroit, MI 48211-1594

Test Report
Order ID: 0505107
MAS Sample #: 050512014
Date Completed: 05/19/2005
PO Number: 17960

Project Identification: Double Eagle Steel Coating

Sample Identification: 164326 DE12

Physical Description: Liquid

Sample Date: 05/09/2005

Method Number	Parameter	Result	Units	EQL	Analyst	Date Analyzed	Data Flag
SW 846 8270C	2,4,5-Trichlorophenol	N/D	mg/Kg	0.20	DC	05/14/2005	
SW 846 8270C	2-Chloronaphthalene	N/D	mg/Kg	0.20	DC	05/14/2005	
SW 846 8270C	2-Nitroaniline	N/D	mg/Kg	0.20	DC	05/14/2005	
SW 846 8270C	Dimethyl Phthalate	N/D	mg/Kg	0.20	DC	05/14/2005	
SW 846 8270C	2,6-Dinitrotoluene	N/D	mg/Kg	0.20	DC	05/14/2005	
SW 846 8270C	Acenaphthylene	N/D	mg/Kg	0.20	DC	05/14/2005	
SW 846 8270C	3-Nitroaniline	N/D	mg/Kg	0.20	DC	05/14/2005	
SW 846 8270C	Acenaphthene	N/D	mg/Kg	0.20	DC	05/14/2005	
SW 846 8270C	2,4-Dinitrophenol	N/D	mg/Kg	0.20	DC	05/14/2005	
SW 846 8270C	4-Nitrophenol	N/D	mg/Kg	0.20	DC	05/14/2005	
SW 846 8270C	2,4-Dinitrotoluene	N/D	mg/Kg	0.20	DC	05/14/2005	
SW 846 8270C	Dibenzofuran	N/D	mg/Kg	0.20	DC	05/14/2005	
SW 846 8270C	Diethyl Phthalate	N/D	mg/Kg	0.20	DC	05/14/2005	
SW 846 8270C	2-Methyl-4,6-dinitrophenol	N/D	mg/Kg	0.20	DC	05/14/2005	
SW 846 8270C	3,3'-Dichlorobenzidine	N/D	mg/Kg	0.20	DC	05/14/2005	
SW 846 8270C	4,4'-DDD	N/D	mg/Kg	0.20	DC	05/14/2005	
SW 846 8270C	4,4'-DDE	N/D	mg/Kg	0.20	DC	05/14/2005	
SW 846 8270C	4,4'-DDT	N/D	mg/Kg	0.20	DC	05/14/2005	
SW 846 8270C	4-Bromophenyl-phenylether	N/D	mg/Kg	0.20	DC	05/14/2005	
SW 846 8270C	4-Chlorophenyl Phenyl Ether	N/D	mg/Kg	0.20	DC	05/14/2005	
SW 846 8270C	4-Nitroaniline	N/D	mg/Kg	0.20	DC	05/14/2005	
SW 846 8270C	Aldrin	N/D	mg/Kg	0.20	DC	05/14/2005	
SW 846 8270C	Alpha-BHC	N/D	mg/Kg	0.20	DC	05/14/2005	
SW 846 8270C	Alpha-chlordane	N/D	mg/Kg	0.20	DC	05/14/2005	
SW 846 8270C	Anthracene	N/D	mg/Kg	0.20	DC	05/14/2005	
SW 846 8270C	Azobenzene	N/D	mg/Kg	0.20	DC	05/14/2005	
SW 846 8270C	Benz(a)anthracene	N/D	mg/Kg	0.20	DC	05/14/2005	
SW 846 8270C	Benzidine	N/D	mg/Kg	0.20	DC	05/14/2005	
SW 846 8270C	Benzo [a]pyrene	N/D	mg/Kg	0.20	DC	05/14/2005	
SW 846 8270C	Benzo(b)fluoranthene	N/D	mg/Kg	0.20	DC	05/14/2005	
SW 846 8270C	Benzo(g,h,i)perylene	N/D	mg/Kg	0.20	DC	05/14/2005	

Charles Hindbaugh

Charles Hindbaugh
Quality Manager

DYNECOL, INC.
6520 GEORGIA STREET
DETROIT, MICHIGAN 48211
PHONE: (313) 571-7140
FAX: (313) 571-7190

WASTE APPROVAL FORM

RECERT:
APPROVAL # 163328.1, B.2

Code 51

I GENERAL INFORMATION

Customer: DOUBLE EAGLE STEEL COATING	Generator: DOUBLE EAGLE STEEL COATING
Address: 3000 MILLER ROAD	Address: 3000 MILLER ROAD
City: DEARBORN	City: DEARBORN
State: MI Zip Code:48120	State: MI Zip Code: 48120
Contact: MARK GORNICK	Contact: MARK GORNICK
Phone #: 313-203-9880 fax: 313-203-9705	Phone #: 313-203-9880 fax:313-203-9705
24 hour phone #:	EPA ID #: MID 981 092 190

II WASTE DESCRIPTION

Waste Common Name: LAB PACK

Specific Process Generating the Waste: DISCARDED/OBSOLETE LAB MATERIALS FOR DISPOSAL

WASTE COMPOSITION (must equal 100%)	Actual %	MIN.	MAX.
SEE ATTACHED INVENTORY		-	
		-	
		-	
		-	
		-	
		-	
		-	
		-	

SEE ATTACHED INVENTORY

INDICATE YES(Y) OR NO(N) TO THE FOLLOWING CHARACTERISTICS OR CONTAMINANTS

Carcinogen	N Y	Oxidizer	N Y	Organics	Y N	Explosives	N Y	Phenols	NY	Hexavalent Chrome	N Y
Radioactive	N Y	Poison	N Y	PCBs	N Y	Pesticides	N Y				

As defined in 40 CFR 268: NON- Wastewater SOLID

Sample submitted to Dynecol: YES Color: VARIES

III RCRA / ACT 451 WASTE CHARACTERIZATION

This is a hazardous waste as defined by either Michigan Act 451 of EPA 40 CFR 261: YES

If yes, list all waste codes: SEE SHIPPERS

This is a non-hazardous waste as defined by Michigan Act 451:

If yes, list all waste codes: SEE SHIPPERS

is waste contains a toxicity characteristic of 40 CFR 261.24 identified as waste codes D018 through D043:

SEE SHIPPERS

If yes, list all waste codes:

*If based on generator knowledge, please read and understand certification in Section VI

WASTE APPROVAL FORM PAGE 2

DYNECOL, INC.

APPROVAL #

Code:

V SHIPPING INFORMATION

WASTE VOLUME:

UNIT: DM

SHIPMENT FREQUENCY: ONE TIME ONLY

DOT PROPER SHIPPING NAME PER 49 CFR 172.101:

DOT HAZARD CLASS: UN NUMBER: PACKAGING GROUP:

V COMMENTS

VI GENERATOR CERTIFICATION

I CERTIFY UNDER PENALTY OF LAW THAT I PERSONALLY HAVE EXAMINED AND AM FAMILIAR WITH THE WASTE THROUGH AND TESTING OR THROUGH KNOWLEDGE OF THE WASTE, AND I BELIEVE THAT THE INFORMATION I SUBMITTED IS TRUE, ACCURATE AND COMPLETE.

Mark Gorme — 9/22/04

GENERATOR NAME (PLEASE PRINT OR TYPE) — DATE

Mark Gre — ENV ENG

GENERATOR SIGNATURE — TITLE

VII WASTE ANALYSIS

MINIMUM ANALYTICAL REQUIREMENTS FOR HAZARDOUS WASTES ARE:

FLASH, pH, AND REACTIVES (DETECTION LIMIT OF 20ppm FOR CYANIDE AND SULFIDE)
PCBs, %HOCs, (METHOD 9020)
TCLP METALS: ARSENIC, BARIUM, CADMIUM, CHROMIUM, LEAD, MERCURY, SELENIUM, SILVER

LABORATORY ANALYSIS IS ATTACHED FOR THE ABOVE ITEMS:

YES: NO: COMPLETE: PARTIAL *: MSDS:

* _____ AUTHORIZATION FOR DYNECOL TO PERFORM ANALYSIS AS NECESSARY
PURCHASE ORDER #

VIII DYNECOL USE ONLY

APPROVAL NUMBER: 163328

TREATMENT FACILITY _____ CMF: _____

APPROVED BY: [illegible]

EXPIRATION DATE: 9/22/05 DATE: 9/22/04

REVISED 1/99

DYNECOL

DYNECOL, INC.

6520 GEORGIA STREET
DETROIT, MICHIGAN 48211
PHONE: (313) 571-7141
FAX: (313) 571-7190

Chemist Names:	Date:	Code:	Approval #:	Order No.:	Drum No.:
	9/22/04	17	163328.1		DES-001,003

Proper DOT Shipping Name: Non-Hazardous Waste liquid

Container Type:	UN/NA Number:	Hazard Class / Packaging Group:
55DF		NH

Line No.	Material Description	Material Quantity	RQ	EPA Waste Code Number
01	Water + 10% ethylene glycol	7x 5gal		029L
02	non-haz copy toner	2x 1lb		NONE
03				
04				
05				
06				
07				
08				
09				
10				
11				
12				
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15				
16				
17				
18				
19				
20	THIS LAB PACK IS			
21	CERTIFIED ACCORDING TO			
22	DYNECOL ACT 451 PERMIT			
23	SECTION G-2b			
24				
25				
26				
27				
28				
29				
30				
	TOTAL QUANTITY			

Chemist Verification _____ This Lab Pack List continues: Yes ☐ No ☒ This is page _____ of _____

September 28, 2004

Mark Gornick
Double Eagle Steel
3000 Miller Road
Dearborn, MI 48120

Dear Mark:

Dynecol, Inc. is pleased to provide the following quotation for managing the waste stream outlined in our Waste Approval Acknowledgement.

Based on evaluation and analysis of the representative sample, pricing is as follows:

Approval Number: 163328.1 **Effective Date:** September 22, 2004

Waste Common Name: Labpacks (DES-001, 003)

Price: **Per:** 55 Gallon Drum

Freight:

Minimum Disposal Charge:

Quote Firm For: **Payment Terms:** Net 45 Days

This quotation is based upon information summarized in Dynecol's Waste Approval Acknowledgement (attached). Upon Dynecol's receipt of the waste shipment, any variation in waste parameters may result in a surcharge or rejection of the waste. Non-RCRA empty tankers (40 CFR 261.7 (b)) will incur a minimum $150 wash out fee.

Thank you for the opportunity to quote on your waste management requirements. If you have any questions, please call your sales representative.

Sincerely,

Vicky Ruhf
Customer Service Representative

WASTE APPROVAL ACKNOWLEDGMENT

September 28, 2004

Customer Information:	Double Eagle Steel 3000 Miller Road Dearborn, MI 48120	
Generator Information:	Double Eagle Steel Coating 3000 Miller Rd. Dearborn, MI 48120	
Approval Number:	163328.1	Expiration Date: September 22, 2005
Waste Common Name:	Labpacks (DES-001, 003)	
Waste Codes:	029L	

FINGERPRINT PARAMETERS

Flash Point:	>200		
Number Of Phases:	1		
Color:	varies		
Odor:	none		
Specific Gravity:	1.000	to	1.000
% Solids:	100	to	100
% Acid:	0	to	0
pH:	4	to	10

Dynecol, Inc. is a permitted hazardous waste facility properly licensed to receive this waste. Non-comforming waste shipments may result in rejection of material.

Fingerprint information is based upon representative sample submitted.

Please review this information and contact us with any discrepancies.

DYNECOL
MID 074259565

DYNECOL, INC.
(313) 571-7141

CERTIFICATION FORM
(Submit with waste approval package)

UNDERLYING CONSTITUENTS/VOLATILE ORGANIC COMPOUNDS (VOC)

APPROVAL NUMBER: 163328B.2 **EPA ID NUMBER:** MID 981092190

GENERATOR NAME: Double Eagle Steel

EPA HAZARDOUS WASTE NUMBERS: D001, U154

MANIFEST NUMBER (IF APPLICABLE): NA

PLEASE PLACE A CHECK MARK IN THE APPROPRIATE BOX:

- [ ] THIS WASTE IS NOT PROHIBITED FROM LAND DISPOSAL. (NOTE – ADDITIONAL CERTIFICATIONS MAY BE REQUIRED)
- [x] THIS WASTE IS PROHIBITED FROM LAND DISPOSAL.
- [ ] THE WASTE DOES NOT CONTAIN UNDERLYING HAZARDOUS CONSTITUENTS LISTED IN 40 CFR 268.48 TABLE UTS-UNIVERSAL TREATMENT STANDARDS (EXCLUDING FLUORIDE, VANADIUM AND/OR ZINC).
- [x] THE WASTE DOES CONTAIN UNDERLYING HAZARDOUS CONSTITUENTS LISTED IN 40 CFR 268.48 TABLE UTS-UNIVERSAL TREATMENT STANDARDS (EXCLUDING FLUORIDE, VANADIUM AND/OR ZINC).
- [ ] THE WASTE DOES NOT CONTAIN VOLATILE ORGANIC COMPOUNDS GREATER THAN 500 PPM.
- [x] THE WASTE DOES CONTAIN VOLATILE ORGANIC COMPOUNDS GREATER THAN 500 PPM.

NOTE: ADDITIONAL INFORMATION AS REQUIRED PER 40 CFR 268.7 GENERAL PAPERWORK REQUIREMENTS TABLE CAN BE FOUND IN THE ATTACHED DYNECOL WASTE APPROVAL FORM.

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE WASTE THROUGH ANALYSIS AND TESTING OR THROUGH KNOWLEDGE OF THE WASTE, AND BELIEVE THAT THE INFORMATION I SUBMITTED IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING A FALSE CERTIFICATION, INCLUDING A POSSIBILITY OF A FINE AND/OR IMPRISONMENT.

AUTHORIZED SIGNATURE	PRINTED NAME	DATE
[signature]	Mark Gorman	9/6/02

TABLE UTS-- 268.48 UNIVERSAL TREATMENT STANDARDS

ORGANIC CONSTITUENTS	WW-mg/L	WW-mg/kg	ORGANIC CONSTITUENTS	WW-mg/L	WW-mg/kg	ORGANIC CONSTITUENTS	WW-mg/L	WW-mg/kg	ORGANIC CONSTITUENTS	WW-mg/L	WW-mg/kg
A2213	0.042	1.4	m-Cresol	0.11	5.6	Fluoranthene	0.068	3.4	Phenol	0.039	6.2
Acenaphthene	0.059	3.4	p-Cresol	0.77	5.6	Fluorene	0.059	3.4	o-Phenylenediamine	0.056	5.6
A ithylene	0.059	3.4	o-Cresol	0.77	5.6	Formetanate hydrochloride	0.056	1.4	Phorate	0.021	4.6
Acetone	0.28	160	m-Cumenyl methylcarbamate	0.056	1.4	Formparanate	0.056	1.4	Phthalic acid	0.055	28
Acetonitrile	3.6	38	Cyclohexanone	0.36	75 mg/L	Heptachlor	0.0012	0.066	Phthalic anhydride	0.055	28
Acetophenone	0.010	9.7	o,p'-DDD	0.023	0.087	Heptachlor epoxide	0.016	0.0066	Physostigmine	0.056	1.4
2-Acetylaminofluorene	0.059	140	p,p'-DDD	0.023	0.087	Hexachlorobenezene	0.055	10	Physostigmine salicylate	0.056	1.4
Acrolein	0.29	NA	o,p'-DDE	0.031	0.087	Hexachlorobutadiene	0.055	5.6	Promecarb	0.056	1.4
Acrylamide	19	23	p,p'-DDE	0.031	0.087	Hexachlorocyclopentadiene	0.057	2.4	Pronamide	0.093	1.5
Acrylonitrile	0.24	84	o,p'-DDT	0.0039	0.087	hexachlorodibenzo-furans	0.000063	0.001	Propham	0.056	1.4
Aldecarb sulfone	0.056	0.28	p,p'-DDT	0.0039	0.087	Hexachlorodibenzo-p-dioxins	0.000063	0.001	Propoxur	0.056	1.4
Aldrin	0.021	0.066	Dibenz(a,h)anthracene	0.055	8.2	Hexachloroethane	0.055	30	Prosulfocarb	0.042	1.4
4-Aminobiphenyl	0.13	NA	Dibenzo(a,e)pyrene	0.061	NA	Hexachloropropylene	0.035	30	Pyrene	0.067	8.2
Aniline	0.81	14	1,2-Dibromo-3-chloropropane	0.11	15	Indeno(1,2,3-c,d) pyrene	0.0055	3.4	Pyridine	0.014	16
Anthracene	0.059	3.4	1,2-Dibromoethane(Ethylene dibromide)	0.028	15	Iodomethane	0.19	65	Safrole	0.081	22
Aramite	0.36	NA	Dibromoethane	0.11	15	Isobutanol	5.6	170	1,2,4,5-Tetrachlorobenzene	0.055	14
Barban	0.056	1.4	m-Dichlorobenzene	0.036	6.0	Isodrin	0.021	0.066	Tetrachlorodibenzo-furans	0.000063	0.001
Bendiocarb	0.056	1.4	o-Dichlorobenzene	0.088	6.0	Isolan	0.056	1.4	Tetrachlorodibenzo-p-dioxins	0.000063	0.001
Bendiocarb phenol	0.056	1.4	p-Dichlorobenzene	0.09	6.0	Isosafrole	0.081	2.6	1,1,1,2-Tetrachloroethane	0.057	6.0
Benomyl	0.056	1.4	Dichlorodifluoromethane	0.23	7.2	Kepone	0.0011	0.13	1,1,2,2-Tetrachloroethane	0.057	6.0
alpha-BHC	0.0001	0.066	1,1-Dichloroethane	0.059	6.0	Methacrylonitrile	0.24	84	Tetrachloroethylene	0.056	6.0
beta-BHC	0.0001	0.066	1,2-Dichloroethane	0.21	6.0	Methanol	5.6	75 mg/L	2,3,4,6-Tetrachlorophenol	0.030	7.4
delta-BHC	0.023	0.066	1,1-Dichloroethylene	0.025	6.0	Methapyrilene	0.081	1.5	Thiodicarb	0.019	1.4
gamma-BHC	0.0017	0.066	trans-1,2-Dichloroethylene	0.054	30	Methiocarb	0.056	1.4	Thiophanate-methyl	0.056	1.4
Benzal Chloride	0.055	6.0	2,4-Dichlorophenol	0.044	14	Methomyl	0.028	0.14	Tirpate	0.056	0.28
Benz(a)anthracene	0.059	3.5	2,6-Dichlorophenol	0.044	14	Methoxychlor	0.25	0.18	Toluene	0.080	10
Benzene	0.14	10	2,4-D	0.72	10	3-Methylcholanthrene	0.0055	15	Toxaphene	0.0095	2.6
Benzo(b)fluoranthene	0.11	6.8	1,2-Dichloropropane	0.85	18	4,4-Methylene bis(2-chloroaniline)	0.50	30	Triallate	0.042	1.4
Benzo(k)fluoranthene	0.11	6.8	cis-1,3-Dichloropropylene	0.036	18	Methylene chloride	0.089	30	1,2,4-Trichlorobenzene	0.055	19
Benzo(g,h,I) perylene	0.0055	1.8	trans-1,3-Dichloropropylene	0.036	18	Methyl ethyl ketone	0.28	36	1,1,1-Trichloroethane	0.054	6.0
Benzo(a) pyrene	0.061	3.4	Dieldrin	0.017	0.13	Methyl isobutyl ketone	0.14	33	1,1,2-Trichloroethane	0.054	6.0
bis(2-Chloroethoxy) methane	0.036	7.2	Diethyl phthalate	0.20	28	Methyl methacrylate	0.14	160	Trichloroethylene	0.054	6.0
bis(2-Chloroethyl) ether	0.033	6.0	Diethylene glycol, dicarbamate	0.056	1.4	Methyl methansulfonate	0.018	NA	Trichlorofluoromethane	0.020	30
bis(2-Ethylhexyl) phthalate	0.28	28	p-Dimethylaminoazobenzen	0.13	NA	Methyl parathion	0.014	4.6	2,4,5-Trichlorophenol	0.018	7.4
Bromodichloromethane	0.35	15	2,4-Dimethylphenol	0.036	14	Metolcarb	0.056	1.4	2,4,6-Trichlorophenol	0.035	7.4
Bromoform (Tribromomethane)	0.63	15	Dimethyl phthalate	0.047	28	Mexacarbate	0.056	1.4	2,4,5-T	0.72	7.9
Bromomethane (Methyl bromide)	0.11	15	Dimetilan	0.056	1.4	Molinate	0.042	1.4	2,4,5-TP (Silvex)	0.72	7.9
4-Bromophenyl phenyl ether	0.055	15	Di-n-butyl phthalate	0.057	28	2-Naphthylamine	0.52	NA	1,2,3-Trichloropropane	0.85	30
n-Butanol (n-Butyl alcohol)	5.6	2.6	1,4-Dinitrobenzene	0.32	2.3	Naphthalene	0.059	5.6	1,1,2-Trichloro-1,2,2-trifluoroethane	0.057	30
Butyl benzyl phhthalate	0.017	28	4,6-Dinitro-o-cresol	0.28	160	o-Nitroaniline	0.27	14	Triethylamine	0.081	1.5
Butylate	0.042	1.4	2,4-Dinitrophenol	0.12	160	p-Nitrolaniline	0.028	28	Tris(2,3-Dibromopropyl) phosphate	0.11	0.10
2-sec-Butyl-4,6-dinitrophenol (Dinoseb)	0.066	2.5	2,4-Dinitrotoluene	0.32	140	Nitrobenezene	0.068	14	Vernolate	0.042	1.4
Carbaryl	0.006	0.14	2,6-Dinitrotoluene	0.55	28	5-Nitro-o-toluidine	0.32	28	Vinyl chloride	0.27	6.0
Carbendazim	0.056	1.4	Di-n-octyl phthalate	0.017	28	o-Nitrophenol	0.028	13	Xylene-sum of mixed isomers	0.32	30
Carbofuran	0.006	0.14	Di-n-propylnitrosamine	0.40	14	p-Nitrophenol	0.12	29	METALS AND INORGANICS	WW-mg/L	WW-mg/L
Carbofuran phenol	0.056	1.4	1,4-Dioxane	12.0	170	N-Nitroso-di-n-butylamine	0.40	17	Antimony	1.9	1.15
Carbon disulfide	3.8	4.8 mg/L	Diphenylamine	0.92	13	N-Nitrosodiethylamine	0.40	28	Arsenic	1.4	5.0
Carbon tetrachloride	0.057	6.0	Diphenylnitrosamine	0.92	13	N-Nitrosodimethylamine	0.40	2.3	Barium	1.2	21
Carbosulfan	0.028	1.4	1,2-Diphenyl hydrazine	0.087	NA	N-Nitrosomethylethylamine	0.40	2.3	Beryllium	0.82	1.22
Chlordane (alpha and gamma)	0.0033	0.26	Disulfoton	0.017	6.2	N-Nitrosomorpholine	0.40	2.3	Cadmium	0.69	0.11
o-Chloroaniline	0.46	16	Dithiocarbamates (total)	0.028	28	N-Nitrosopiperidine	0.013	35	Chromium (Total)	2.77	0.60
Chlorobenzene	0.057	6.0	Endosulfan I	0.023	0.066	N-Nitrosopyrrolidine	0.013	35	Cyanide (Total)	1.2	590
Chlorobenzilate	0.10	NA	Endosulfan II	0.029	0.13	Oxamyl	0.056	0.28	Cyanide (Amenable)	0.86	30
2-Chloro-1,3-butadiene	0.057	0.28	Endosulfan sulfate	0.029	0.13	Parathion	0.014	4.6	Fluoride*	35	NA
Chlorodibromomethane	0.057	15	Endrin	0.0028	0.13	Total PCB's	0.10	10	Lead	0.69	0.75
Chloroethane	0.27	6.0	Endrin aldehyde	0.025	0.13	Pebulate	0.042	1.4	Mercury (retort residues)	NA	0.20
Chloroform	0.046	6.0	EPTC	0.042	1.4	Pentachlorobenzene	0.055	10	Mercury (all others)	0.15	0.025
p-C m-cresol	0.018	14	Ethyl acetate	0.34	35	Pentachlorodibenzo-p-dioxins	0.000063	0.001	Nickel	3.98	11
2-Chloroethyl vinyl ether	0.062	NA	Ethyl benzene	0.057	10	Pentachlordibenzo-furans	0.000035	0.001	Selenium	0.82	5.7
Chloromethane (Methyl Chloride)	0.19	30	Ethyl cyanide (Propanenitrile)	0.24	360	Pentachloroethane	0.055	6.0	Silver	0.43	0.14
2-Chloronaphthalene	0.055	5.6	Ethyl ether	0.12	160	Pentachloronitrobenzene	0.055	4.8	Sulfide	14	NA
2-Chlorophenol	0.044	5.7	Ethyl methacrylate	0.14	160	Pentachlorophenol	0.089	7.4	Thallium	1.4	0.20
3-Chloropropylene	0.036	30	Ethylene oxide	0.12	NA	Phenacetin	0.081	16	Vanadium*	4.3	1.6
Chrysene	0.059	3.4	Famphur	0.017	15	Phenanthrene	0.059	5.6	Zinc*	2.61	4.3

* Fluoride, Vanadium, and Zinc are not "Underlying hazardous constituents" in characteristic wastes, according to the definition at 268.2(i).

DYNECOL

DYNECOL, INC.

6520 GEORGIA STREET
DETROIT, MICHIGAN 48211
PHONE: (313) 571-7141
FAX: (313) 571-7190

Chemist Names:	Date:	Code:	Approval #:	Order No.:	Drum No.:
		D	163328B.2		DES-2

Proper DOT Shipping Name: Waste flammable liquids, n.o.s.

Container Type:	UN/NA Number:	Hazard Class / Packaging Group:
5DF	UN1993	3, PG II

Line No.	Material Description	Material Quantity	RQ	EPA Waste Code Number
01	Windshield washer fluid	1x 1gal		D001
02	w/ methanol			
03				
04				
05				
06				
07				
08				
09				
10				
11				
12				
13				
14				
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25				
26				
27				
28				
29				
30				
	TOTAL QUANTITY			

THIS LAB PACK IS CERTIFIED ACCORDING TO DYNECOL ACT 451 PERMIT SECTION C-2b

Chemist Verification _____ This Lab Pack List continues: Yes ☐ No ☒ This is page _____ of _____

DYNECOL
MID 074259565

DYNECOL, INC.

6520 GEORGIA STREET
DETROIT, MICHIGAN 48211
PHONE: (313) 571-7141
FAX: (313) 571-7190

Recertification: Y N

WASTE APPROVAL FORM

Approval # 164180

Code 51

I GENERAL INFORMATION

Customer: Double Eagle	Generator: SAME
Address: 3000 Miller Road	Address:
City: Dearborn	City:
State: MI Zip Code:	State: Zip Code:
Contact: Chris McBee	Contact: Chris McBee
Phone #: Fax:	Phone #: 313-363-1902 Fax:
24 hour phone #:	EPA ID#: MID 981092190

II WASTE DESCRIPTION

Waste Common Name: Lab Pack

Specific Process Generating the Waste: Discarded Obselete Virgin Chemicals For Disposal

WASTE COMPOSITION (must equal 100%):	ACTUAL %	MIN.	MAX.
see inventory sheets			

CIRCLE YES (Y) OR NO (N) TO THE FOLLOWING CHARACTERISTICS OR CONTAMINANTS

Carcinogen Y N Oxidizer Y N Organics Y N Explosives Y N Phenols Y N Hexavalent Chromium Y N
Radioactives Y N Poison Y N PCBs Y N Pesticides Y N

As defined in 40 CFR 268: ( ) **Non-wastewater** ( ) **Wastewater** **LIQUID** **SOLID** **SLURRY**

Sample submitted to Dynecol: Y N Color:

III RCRA/ACT 64 WASTE CHARACTERIZATION

This is a **hazardous** waste as defined by either Michigan Act 451 or EPA 40 CFR 261: Yes____ No____

If yes, list all waste codes: see inventory sheets

This is a **non-hazardous** waste as defined by Michigan Act 451: Yes____ No____

If y list all waste codes: see inventory sheets

This waste contains a toxicity characteristic of 40 CFR 261.24 identified as waste codes D018 through D043:

Yes____ No____* Unknown____

If yes, list all waste codes: See inventory sheets

* If based on generator knowledge, please read and understand certification in Section VI

IV SHIPPING INFORMATION

Waste Volume:_____ UNIT: (circle one) GALLONS POUNDS DRUMS OTHER_____

Shipment Frequency: (circle one) WEEK MONTH QUARTER YEAR ONE TIME ONLY

DOT Proper Shipping Name per 49 CFR 172.101:

See Shippers

DOT Hazard Class: UN/NA Number: Packing Group: I II III None

V COMMENTS

VI GENERATOR CERTIFICATION

I certify under penalty of law that I personally have examined and am familiar with the waste through analysis and testing or through knowledge of the waste, and I believe that the information I submitted is true, accurate and complete.

x CHRISTOPHER MCBEE - AGENT FOR DOUBLE EAGLE STEEL COATING CO. 4 / 11 / 2005

Generator Name (Please print or type) Date

x Christopher McBee ENVIRONMENTAL ENGINEER

Generator Signature Title

VII WASTE ANALYSIS

MINIMUM ANALYTICAL REQUIREMENTS FOR HAZARDOUS WASTES ARE (All Methods per SW846):

- Flash, pH, and Reactives (Detection limit of 20ppm for Cyanide and Sulfide)
- PCBs, %HOCs (Method 9020), (Nickel and Thallium as necessary)
- TCLP metals: Arsenic, Barium, Cadmium, Chromium, Lead, Mercury, Selenium, Silver
- Michigan metals: Copper and Zinc (as necessary)

(The above items may be restricted from land disposal.)

LABORATORY ANALYSIS IS ATTACHED FOR THE ABOVE ITEMS:

Yes_____ No_____ Complete_____ Partial_____* MSDS_____

* _____ Authorization for Dynecol to perform analysis as necessary

Purchase Order #_____

VIII DYNECOL USE ONLY

Approval #: 164180

Treatment Facility: CMF: _____

Approved by: Date: 4/11/05

Expiration date: 4/11/06

DYNECOL
MID 074259565

DYNECOL, INC.
(313) 571-7141

CERTIFICATION FORM
(Submit with waste approval package)

UNDERLYING CONSTITUENTS/VOLATILE ORGANIC COMPOUNDS (VOC)

APPROVAL NUMBER: 164180.1 **EPA ID NUMBER:** MID981092190

GENERATOR NAME: Double Eagle

EPA HAZARDOUS WASTE NUMBERS: D001, D002, D035

MANIFEST NUMBER (IF APPLICABLE): NA

PLEASE PLACE A CHECK MARK IN THE APPROPRIATE BOX:

- [ ] THIS WASTE IS NOT PROHIBITED FROM LAND DISPOSAL. (NOTE – ADDITIONAL CERTIFICATIONS MAY BE REQUIRED)
- [x] THIS WASTE IS PROHIBITED FROM LAND DISPOSAL.
- [ ] THE WASTE DOES NOT CONTAIN UNDERLYING HAZARDOUS CONSTITUENTS LISTED IN 40 CFR 268.48 TABLE UTS-UNIVERSAL TREATMENT STANDARDS (EXCLUDING FLUORIDE, VANADIUM AND/OR ZINC).
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- [ ] THE WASTE DOES NOT CONTAIN VOLATILE ORGANIC COMPOUNDS GREATER THAN 500 PPM.
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NOTE: ADDITIONAL INFORMATION AS REQUIRED PER 40 CFR 268.7 GENERAL PAPERWORK REQUIREMENTS TABLE CAN BE FOUND IN THE ATTACHED DYNECOL WASTE APPROVAL FORM.

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE WASTE THROUGH ANALYSIS AND TESTING OR THROUGH KNOWLEDGE OF THE WASTE, AND BELIEVE THAT THE INFORMATION I SUBMITTED IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING A FALSE CERTIFICATION, INCLUDING A POSSIBILITY OF A FINE AND/OR IMPRISONMENT.

Christopher McBee — AUTHORIZED SIGNATURE

CHRISTOPHER McBEE — PRINTED NAME

4/11/05 — DATE

DYNECOL

DYNECOL, INC.
6520 GEORGIA STREET
DETROIT, MICHIGAN 48211
PHONE: (313) 571-7141
FAX: (313) 571-7190

Chemist Names:	Date:	Code:	Approval #:	Order No.:	Drum No.:
Burke	4/11/05	0	164180.1	22080	DE-1

Proper DOT Shipping Name: W F L C NOS

Container Type:	UN/NA Number:	Hazard Class / Packaging Group:
55 DF	UN ~~1993~~ 2924	3 II

Line No.	Material Description	Material Quantity	RQ	EPA Waste Code Number
01	Epoxy w/ MEK, ethylene diamine	5 x 26AL		D001, D002, D035
02				
03	~~Methanol~~	~~1 x 26AL~~		~~D001~~,
04				
05	Grout w/ 2 Aliphatic Amines	1 x 5GAL		D002
06				
07				
08				
09				
10				
11				
12				
13				
14				
15				
16				
17				
18				
19				
20	THIS LAB PACK IS			
21	CERTIFIED ACCORDING TO			
22	DYNECOL ACT 451 PERMIT			
23	SECTION C-2b			
24				
25				
26				
27				
28				
29				
30				
	TOTAL QUANTITY			

Chemist Verification _____ This Lab Pack List continues: Yes ☐ No ☐ This is page _____ of _____

SUBPART CC
WASTE DETERMINATION SUPPORT FORM

Waste Approval Number: 164180.1

Customer Generator Code: 51

Does the composition of the waste indicate a VO concentration in excess of 500 ppm of the compounds listed in 40 CFR 265 Appendix VI:

Yes X No_____

Has the generator circled "YES or NO" to "Organics" in section II of the waste approval form:

Yes X No_____

Has the generator certified that this material "Does" or "Does Not" contain VO concentrations in excess of 500 ppm:

Does X Does Not_____

Is additional information available regarding this waste from the same waste generated from different locations (Please identify all approval numbers):

_____

Based on the above information, is this waste regulated under 40 CFR 265 Subpart CC:

Yes X No_____

This determination was made/updated by:

Signature 5/12/05 Date

Signature Date

Signature Date

DYNECOL

DYNECOL, INC.

6520 GEORGIA STREET
DETROIT, MICHIGAN 48211
PHONE: (313) 571-7141
FAX: (313) 571-7190

Chemist Names:	Date:	Code:	Approval #:	Order No.:	Drum No.:
Burke	4/11/05	Bay 17	164180-2,1,2	22080	DE-2,3

Proper DOT Shipping Name: Non Reg Mat'l

Container Type:	UN/NA Number:	Hazard Class / Packaging Group:
2X 55DF		

Line No.	Material Description	Material Quantity	RQ	EPA Waste Code Number
01	Epoxy Grout	3X 5 GAL		029C
02				
03	Tellus Oil	1X 5 GAL		029C
04				
05	Thermoplastic - Fire stop system	1X 5 GAL		029C
06	w/ Laytex polymers			
07				
08				
09				
10				
11				
12				
13				
14				
15				
16				
17				
18				
19				
20	THIS LAB PACK IS			
21	CERTIFIED ACCORDING TO			
22	DYNECOL ACT 451 PERMIT			
23	SECTION C-2b			
24				
25				
26				
27				
28				
29				
30				
	TOTAL QUANTITY			

Chemist Verification _____ This Lab Pack List continues: Yes ☐ No ☐ This is page _____ of _____

DYNECOL
MID 074259565

DYNECOL, INC.

(313) 571-7141

CERTIFICATION FORM

(Submit with waste approval package)

UNDERLYING CONSTITUENTS/VOLATILE ORGANIC COMPOUNDS (VOC)

APPROVAL NUMBER: 164180.4 **EPA ID NUMBER:** MID981092190

GENERATOR NAME: Double Eagle

EPA HAZARDOUS WASTE NUMBERS: U154, D001

MANIFEST NUMBER (IF APPLICABLE): NA

PLEASE PLACE A CHECK MARK IN THE APPROPRIATE BOX:

- [ ] THIS WASTE IS NOT PROHIBITED FROM LAND DISPOSAL. (NOTE – ADDITIONAL CERTIFICATIONS MAY BE REQUIRED)
- [x] THIS WASTE IS PROHIBITED FROM LAND DISPOSAL.
- [ ] THE WASTE DOES NOT CONTAIN UNDERLYING HAZARDOUS CONSTITUENTS LISTED IN 40 CFR 268.48 TABLE UTS-UNIVERSAL TREATMENT STANDARDS (EXCLUDING FLUORIDE, VANADIUM AND/OR ZINC).
- [x] THE WASTE DOES CONTAIN UNDERLYING HAZARDOUS CONSTITUENTS LISTED IN 40 CFR 268.48 TABLE UTS-UNIVERSAL TREATMENT STANDARDS (EXCLUDING FLUORIDE, VANADIUM AND/OR ZINC).
- [ ] THE WASTE DOES NOT CONTAIN VOLATILE ORGANIC COMPOUNDS GREATER THAN 500 PPM.
- [x] THE WASTE DOES CONTAIN VOLATILE ORGANIC COMPOUNDS GREATER THAN 500 PPM.

NOTE: ADDITIONAL INFORMATION AS REQUIRED PER 40 CFR 268.7 GENERAL PAPERWORK REQUIREMENTS TABLE CAN BE FOUND IN THE ATTACHED DYNECOL WASTE APPROVAL FORM.

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE WASTE THROUGH ANALYSIS AND TESTING OR THROUGH KNOWLEDGE OF THE WASTE, AND BELIEVE THAT THE INFORMATION I SUBMITTED IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING A FALSE CERTIFICATION, INCLUDING A POSSIBILITY OF A FINE AND/OR IMPRISONMENT.

Christopher McBee	CHRISTOPHER McBEE	4/11/05
AUTHORIZED SIGNATURE	PRINTED NAME	DATE

DYNECOL

DYNECOL, INC.

6520 GEORGIA STREET
DETROIT, MICHIGAN 48211
PHONE: (313) 571-7141
FAX: (313) 571-7190

Chemist Names:	Date:	Code:	Approval #:	Order No.:	Drum No.:
Burke	4/11/05	D	164180.4	22080	DE-4

Proper DOT Shipping Name: W F L NOS

Container Type:	UN/NA Number:	Hazard Class / Packaging Group:
55 DF	UN1993	3 II

Line No.	Material Description	Material Quantity	RQ	EPA Waste Code Number
01	Methanol	1 X 2 GAL		D001, U154
02				
03	Diesel Fuel	1 X 2 GAL		D001
04				
05	Meropa 150 w/ Mineral Oil Hist	1 X 5 GAL		D001
06	w/ Petroleum Distillates			
07				
08	RESIN Sol'n w/ Petroleum distillates (1966)	1 X 2 GAL		D001
09				
10				
11				
12				
13				
14				
15				
16				
17				
18				
19				
20				
21				
22	THIS LAB PACK IS			
23	CERTIFIED ACCORDING TO			
24	DYNECOL ACT 451 PERMIT			
25	SECTION C-2b			
26				
27				
28				
29				
30				
	TOTAL QUANTITY			

Chemist Verification _____ This Lab Pack List continues: Yes ☐ No ☐ This is page _____ of _____

SUBPART CC
WASTE DETERMINATION SUPPORT FORM

Waste Approval Number: 164180.4

Customer Generator Code: 51

Does the composition of the waste indicate a VO concentration in excess of 500 ppm of the compounds listed in 40 CFR 265 Appendix VI:

Yes X No_____

Has the generator circled "YES or NO" to "Organics" in section II of the waste approval form:

Yes X No_____

Has the generator certified that this material "Does" or "Does Not" contain VO concentrations in excess of 500 ppm:

Does X Does Not_____

Is additional information available regarding this waste from the same waste generated from different locations (Please identify all approval numbers):

_____

Based on the above information, is this waste regulated under 40 CFR 265 Subpart CC:

Yes_____ No_____

This determination was made/updated by:

Signature 5/12/05 Date

Signature Date

Signature Date

DYNECOL
MID 074259565

DYNECOL, INC.

(313) 571-7141

CERTIFICATION FORM

(Submit with waste approval package)

UNDERLYING CONSTITUENTS/VOLATILE ORGANIC COMPOUNDS (VOC)

APPROVAL NUMBER: 164180F.5 **EPA ID NUMBER:** ~~[illegible]~~ MID 981092190

GENERATOR NAME: Double Eagle

EPA HAZARDOUS WASTE NUMBERS: D002

MANIFEST NUMBER (IF APPLICABLE): NA

PLEASE PLACE A CHECK MARK IN THE APPROPRIATE BOX:

- [ ] THIS WASTE IS NOT PROHIBITED FROM LAND DISPOSAL. (NOTE – ADDITIONAL CERTIFICATIONS MAY BE REQUIRED)
- [x] THIS WASTE IS PROHIBITED FROM LAND DISPOSAL.
- [x] THE WASTE DOES NOT CONTAIN UNDERLYING HAZARDOUS CONSTITUENTS LISTED IN 40 CFR 268.48 TABLE UTS-UNIVERSAL TREATMENT STANDARDS (EXCLUDING FLUORIDE, VANADIUM AND/OR ZINC).
- [ ] THE WASTE DOES CONTAIN UNDERLYING HAZARDOUS CONSTITUENTS LISTED IN 40 CFR 268.48 TABLE UTS-UNIVERSAL TREATMENT STANDARDS (EXCLUDING FLUORIDE, VANADIUM AND/OR ZINC).
- [x] THE WASTE DOES NOT CONTAIN VOLATILE ORGANIC COMPOUNDS GREATER THAN 500 PPM.
- [ ] THE WASTE DOES CONTAIN VOLATILE ORGANIC COMPOUNDS GREATER THAN 500 PPM.

NOTE: ADDITIONAL INFORMATION AS REQUIRED PER 40 CFR 268.7 GENERAL PAPERWORK REQUIREMENTS TABLE CAN BE FOUND IN THE ATTACHED DYNECOL WASTE APPROVAL FORM.

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE WASTE THROUGH ANALYSIS AND TESTING OR THROUGH KNOWLEDGE OF THE WASTE, AND BELIEVE THAT THE INFORMATION I SUBMITTED IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING A FALSE CERTIFICATION, INCLUDING A POSSIBILITY OF A FINE AND/OR IMPRISONMENT.

Christopher McBee	CHRISTOPHER MCBEE	4/11/2005
AUTHORIZED SIGNATURE	PRINTED NAME	DATE

DYNECOL

DYNECOL, INC.

6520 GEORGIA STREET
DETROIT, MICHIGAN 48211
PHONE: (313) 571-7141
FAX: (313) 571-7190

Chemist Names:	Date:	Code:	Approval #:	Order No.:	Drum No.:
Burke	4/14/05		22080	164180 F	DE-5

Proper DOT Shipping Name: WCLA I NOS

Container Type:	UN/NA Number:	Hazard Class / Packaging Group:
30 DF	UN 3264	8 II

Line No.	Material Description	Material Quantity	RQ	EPA Waste Code Number
01	Ferric Chloride	3 x 2 GAL		D002
02				
03				
04				
05				
06				
07				
08				
09				
10				
11				
12				
13				
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15				
16				
17				
18				
19				
20				
21				
22	THIS LAB PACK IS			
23	CERTIFIED ACCORDING TO			
24	DYNECOL ACT 451 PERMIT			
25	SECTION C-2b			
26				
27				
28				
29				
30				
	TOTAL QUANTITY			

Chemist Verification _____ This Lab Pack List continues: Yes ☐ No ☐ This is page _____ of _____

SUBPART CC
WASTE DETERMINATION SUPPORT FORM

Waste Approval Number: 164180F.5

Customer Generator Code: 51

Does the composition of the waste indicate a VO concentration in excess of 500 ppm of the compounds listed in 40 CFR 265 Appendix VI:

Yes_____ No X

Has the generator circled "YES or NO" to "Organics" in section II of the waste approval form:

Yes_____ No X

Has the generator certified that this material "Does" or "Does Not" contain VO concentrations in excess of 500 ppm:

Does_____ Does Not X

Is additional information available regarding this waste from the same waste generated from different locations (Please identify all approval numbers):

_____

Based on the above information, is this waste regulated under 40 CFR 265 Subpart CC:

Yes_____ No X

This determination was made/updated by:

[illegible] 5/12/05

Signature Date

Signature Date

Signature Date

DYNECOL, INC.
6520 GEORGIA STREET
DETROIT, MICHIGAN 48211
PHONE: (313) 571-7140
FAX: (313) 571-7190

WASTE APPROVAL FORM

RECERT: Y
APPROVAL # 107035H

Code: 51

I GENERAL INFORMATION

Customer: DOUBLE EAGLE STEEL COATING	Generator: SAME
Address: 3000 MILLER RD.	Address:
City: DEARBORN	City:
State: MI Zip Code: 48120	State: Zip Code:
Contact: Mark Gornick	Contact:
Phone # 313-203-9829 Fax: 9705	Phone #: Fax:
24 hour phone # 313-515-0752	EPA ID # MID981092190

II WASTE DESCRIPTION

Waste Common Name: SUMP WASTE

Specific Process Generating the Waste: SKIMMING OIL FROM SUMPS USED TO COLLECT GALVANIZING SOLUTIONS. OIL IS FROM STEEL COIL COATING.

WASTE COMPOSITION (must equal 100%)	Actual %	MIN.		MAX.
HYDROCHLORIC ACID		0%		6%
OIL		80%	-	95%
METALS (CHROME, IRON)		0%	-	1%
WATER		5%	-	20%
			-	
			-	
			-	
			-	

INDICATE YES(Y) OR NO(N) TO THE FOLLOWING CHARACTERISTICS OR CONTAMINANTS

Carcinogen	N	Oxidizer	N	Organics	Y	Explosives	N	Phenols	N	Hexavalent Chrome	N
Radioactive	N	Poison	N	PCBs	N	Pesticides	N				

As defined in 40 CFR 268: NON-WASTEWATER LIQUID

Sample submitted to Dynecol: YES Color: BLACK

III RCRA / ACT 451 WASTE CHARACTERIZATION

This is a hazardous waste as defined by either Michigan Act 451 of EPA 40 CFR 261: Y
D002, D007

This is a liquid non-hazardous waste as defined by Michigan Act 451: N
If yes, list all waste codes:

This waste contains a toxicity characteristic of 40 CFR 261.24 identified as waste codes D018 through D043: N

If yes, list all waste codes:

*If based on generator knowledge, please read and understand certification in Section VI

Revised 1/00

WASTE APPROVAL FORM PAGE 2

DYNECOL, INC.

APPROVAL # 107035H

Code: 479

IV SHIPPING INFORMATION

WASTE VOLUME: 1

UNIT: GALLONS

SHIPMENT FREQUENCY:

DOT PROPER SHIPPING NAME PER 49 CFR 172.101:

WASTE CORROSIVE LIQUID, NOS (HYDROCHLORIC ACID)

DOT HAZARD CLASS: 8 UN/NA NUMBER: UN1760 PACKAGING GROUP: II

V COMMENTS

- Generator wishes to keep all codes

VI GENERATOR CERTIFICATION

I CERTIFY UNDER PENALTY OF LAW THAT I PERSONALLY HAVE EXAMINED AND AM FAMILIAR WITH THE WASTE THROUGH AND TESTING OR THROUGH KNOWLEDGE OF THE WASTE, AND I BELIEVE THAT THE INFORMATION I SUBMITTED IS TRUE, ACCURATE AND COMPLETE

Mark Gornick
GENERATOR NAME (PLEASE PRINT OR TYPE)

4/8/03
DATE

GENERATOR SIGNATURE

Env. Eng
TITLE

VII WASTE ANALYSIS

MINIMUM ANALYTICAL REQUIREMENTS FOR HAZARDOUS WASTES ARE:

FLASH, pH, AND REACTIVES (DETECTION LIMIT OF 20ppm FOR CYANIDE AND SULFIDE)

PCBs, %HOCs, (METHOD 9020)

TCLP METALS: ARSENIC, BARIUM, CADMIUM, CHROMIUM, LEAD, MERCURY, SELENIUM, SILVER

LABORATORY ANALYSIS IS ATTACHED FOR THE ABOVE ITEMS:

YES: NO: COMPLETE: PARTIAL *: MSDS:

* _____ AUTHORIZATION FOR DYNECOL TO PERFORM ANALYSIS AS NECESSARY

PURCHASE ORDER # _____

VIII DYNECOL USE ONLY

APPROVAL NUMBER: 107035H

TREATMENT FACILITY _____ CMF: ✓

APPROVED BY:

EXPIRATION DATE: 4/8/2004

DYNECOL

DYNECOL, INC.

6520 GEORGIA STREET
DETROIT, MICHIGAN 48211
PHONE: (313) 391-[illegible]
FAX: (313) 3[illegible]

DATE: 1-3-06

TO: Christopher McBee

COMPANY: Double Eagle Steel Coating

FROM: Vicky Ruhf

RE: WASTE APPROVAL FORM MODIFICATION AUTHORIZATION

WASTE APPROVAL # 107035H

WASTE TYPE: SUMP WASTE

I HEREBY AUTHORIZE AND ACKNOWLEDGE THESE MODIFICATIONS TO MY WASTE APPROVAL FORM:

___ COMPOSITION _____

___ PROCESS _____

___ WASTE CODES _____

___ DOT DESCRIPTION _____

___ OTHER _____

X FINGERPRINT PH = 1-6, COLOR = GOLD, BROWN, BLACK

X CHRISTOPHER McBee Christopher McBee
PLEASE PRINT NAME SIGNATURE

X 1/3/06
DATE

rev. 4/4/01

DYNECOL, INC.
6520 GEORGIA STREET
DETROIT, MICHIGAN 48211
PHONE: (313) 571-7140
FAX: (313) 571-7190

WASTE APPROVAL FORM

RECERT:
APPROVAL # 114064F.1, F.2

Code 51

I GENERAL INFORMATION

Customer: DOUBLE EAGLE STEEL COATING	Generator: DOUBLE EAGLE STEEL COATING
Address: 3000 MILLER ROAD	Address: 3000 MILLER ROAD
City: DEARBORN	City: DEARBORN
State: MI Zip Code:48120	State: MI Zip Code: 48120
Contact: MARK GORNICK	Contact: MARK GORNICK
Phone #: 313-203-9880 fax: 313-203-9705	Phone #: 313-203-9880 fax:313-203-9705
24 hour phone #:	EPA ID #: MID 981 092 190

II WASTE DESCRIPTION

Waste Common Name: LAB PACK

Specific Process Generating the Waste: DISCARDED/OBSOLETE LAB MATERIALS FOR DISPOSAL

WASTE COMPOSITION (must equal 100%)	Actual %	MIN.	MAX.
SEE ATTACHED INVENTORY		-	
		-	
		-	
		-	
		-	
		-	
		-	
		-	
SEE ATTACHED INVENTORY			

INDICATE YES(Y) OR NO(N) TO THE FOLLOWING CHARACTERISTICS OR CONTAMINANTS

Carcinogen	N Y	Oxidizer	N Y	Organics	Y N	Explosives	N Y	Phenols	NY	Hexavalent Chrome	N Y
Radioactive	N Y	Poison	N Y	PCBs	N Y	Pesticides	N Y				

As defined in 40 CFR 268: NON- Wastewater SOLID

Sample submitted to Dynecol: YES Color: VARIES

III RCRA / ACT 451 WASTE CHARACTERIZATION

This is a hazardous waste as defined by either Michigan Act 451 of EPA 40 CFR 261: YES
If yes, list all waste codes: SEE SHIPPERS

This is a non-hazardous waste as defined by Michigan Act 451:
If yes, list all waste codes: SEE SHIPPERS

This waste contains a toxicity characteristic of 40 CFR 261.24 identified as waste codes D018 through D043:
SEE SHIPPERS
If yes, list all waste codes:
*If based on generator knowledge, please read and understand certification in Section VI

WASTE APPROVAL FORM PAGE 2

DYNECOL, INC.

APPROVAL #

Code: 1871

IV SHIPPING INFORMATION

WASTE VOLUME: UNIT:

SHIPMENT FREQUENCY: ONE TIME ONLY

DOT PROPER SHIPPING NAME PER 49 CFR 172.101:

SEE SHIPPERS

DOT HAZARD CLASS: UN NUMBER: PACKAGING GROUP:

V COMMENTS

VI GENERATOR CERTIFICATION

I CERTIFY UNDER PENALTY OF LAW THAT I PERSONALLY HAVE EXAMINED AND AM FAMILIAR WITH THE WASTE THROUGH AND TESTING OR THROUGH KNOWLEDGE OF THE WASTE, AND I BELIEVE THAT THE INFORMATION I SUBMITTED IS TRUE, ACCURATE AND COMPLETE.

Mark Gornich E — 10/21/03

GENERATOR NAME (PLEASE PRINT OR TYPE) — DATE

Mark Gornich — ENV. ENG

GENERATOR SIGNATURE — TITLE

VII WASTE ANALYSIS

MINIMUM ANALYTICAL REQUIREMENTS FOR HAZARDOUS WASTES ARE:

FLASH, pH, AND REACTIVES (DETECTION LIMIT OF 20ppm FOR CYANIDE AND SULFIDE)
PCBs, %HOCs, (METHOD 9020)
TCLP METALS: ARSENIC, BARIUM, CADMIUM, CHROMIUM, LEAD, MERCURY, SELENIUM, SILVER

LABORATORY ANALYSIS IS ATTACHED FOR THE ABOVE ITEMS:

YES: NO: COMPLETE: PARTIAL *: MSDS:

* _____ AUTHORIZATION FOR DYNECOL TO PERFORM ANALYSIS AS NECESSARY
PURCHASE ORDER #

VIII DYNECOL USE ONLY

APPROVAL NUMBER: 114064F.1, F.2

TREATMENT FACILITY _____ CMF: ✓

APPROVED BY: Mead

EXPIRATION DATE: 10/21/04 DATE: 10/20/03

REVISED 1/99

DYNECOL

DYNECOL, INC.

6520 GEORGIA STREET
DETROIT, MICHIGAN 48211
PHONE: (313) 571-7141
FAX: (313) 571-7190

5/20

Chemist Names:	Date:	Code:	Approval #:	Order No.:	Drum No.:
Buck	10-21-03	Bay 17			DES-001

Proper DOT Shipping Name: Non Haz Waste Liquid

Container Type:	UN/NA Number:	Hazard Class / Packaging Group:
30DF	—	NH

Line No.	Material Description	Material Quantity	RQ	EPA Waste Code Number
01	Latex Paint	5x 1gal		029L
02	Anti-freeze (Ethylene Glycol)	1x 1gal		029L
03				
04				
05				
06				
07				
08				
09				
10				
11				
12				
13				
14				
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22				
23				
24				
25				
26				
27				
3				
29				
30				
	TOTAL QUANTITY			

Chemist Verification _____ This Lab Pack List continues: Yes ☐ No ☒ This is page _____ of _____

DYNECOL
MID 074259565

DYNECOL, INC.
(313) 571-7141

CERTIFICATION FORM

(Submit with waste approval package)

UNDERLYING CONSTITUENTS/VOLATILE ORGANIC COMPOUNDS (VOC)

APPROVAL NUMBER: 114064F.2 **EPA ID NUMBER:** MID 981092190

GENERATOR NAME: Double Eagle Steel

EPA HAZARDOUS WASTE NUMBERS: D001

MANIFEST NUMBER (IF APPLICABLE): NA

PLEASE PLACE A CHECK MARK IN THE APPROPRIATE BOX:

- [ ] THIS WASTE IS NOT PROHIBITED FROM LAND DISPOSAL. (NOTE – ADDITIONAL CERTIFICATIONS MAY BE REQUIRED)
- [x] THIS WASTE IS PROHIBITED FROM LAND DISPOSAL.
- [x] THE WASTE DOES NOT CONTAIN UNDERLYING HAZARDOUS CONSTITUENTS LISTED IN 40 CFR 268.48 TABLE UTS-UNIVERSAL TREATMENT STANDARDS (EXCLUDING FLUORIDE, VANADIUM AND/OR ZINC).
- [ ] THE WASTE DOES CONTAIN UNDERLYING HAZARDOUS CONSTITUENTS LISTED IN 40 CFR 268.48 TABLE UTS-UNIVERSAL TREATMENT STANDARDS (EXCLUDING FLUORIDE, VANADIUM AND/OR ZINC).
- [ ] THE WASTE DOES NOT CONTAIN VOLATILE ORGANIC COMPOUNDS GREATER THAN 500 PPM.
- [x] THE WASTE DOES CONTAIN VOLATILE ORGANIC COMPOUNDS GREATER THAN 500 PPM.

NOTE: ADDITIONAL INFORMATION AS REQUIRED PER 40 CFR 268.7 GENERAL PAPERWORK REQUIREMENTS TABLE CAN BE FOUND IN THE ATTACHED DYNECOL WASTE APPROVAL FORM.

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE WASTE THROUGH ANALYSIS AND TESTING OR THROUGH KNOWLEDGE OF THE WASTE, AND BELIEVE THAT THE INFORMATION I SUBMITTED IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING A FALSE CERTIFICATION, INCLUDING A POSSIBILITY OF A FINE AND/OR IMPRISONMENT.

AUTHORIZED SIGNATURE	PRINTED NAME	DATE
Mark Dor	Mark Garrick	10/21/03

DYNECOL

DYNECOL, INC.

6520 GEORGIA STREET
DETROIT, MICHIGAN 48211
PHONE: (313) 571-7141
FAX: (313) 571-7190

20/8

Chemist Names:	Date:	Code:	Approval #:	Order No.:	Drum No.:
Burke	10-21-03	LP-CODE D	140647.2		DES-002

Proper DOT Shipping Name: Waste flammable liquids, n.o.s.

Container Type:	UN/NA Number:	Hazard Class / Packaging Group:
30DF	UN 1993	3, PG II

Line No.	Material Description	Material Quantity	RQ	EPA Waste Code Number
01	Devoe® Coatings 224HS	1x 5gal		D001
02	Oil Based Paint w/ Petroleum			
03	Distillates			
04				
05	Mineral Spirits	1x 1gal		D001
06				
07				
08				
09				
10				
11				
12				
13				
14				
15				
16				
17				
18				
19				
20				
21				
22				
23				
24				
25				
26				
27				
29				
30				
	TOTAL QUANTITY			

Chemist Verification _____ This Lab Pack List continues: Yes ☐ No ☒ This is page _____ of _____

DYNECOL, INC.
6520 GEORGIA STREET
DETROIT, MICHIGAN 48211
PHONE: (313) 571-7140
FAX: (313) 571-7190

WASTE APPROVAL FORM

RECERT:
APPROVAL # 113754F.1, F.2, B.3, .4

Code 51

I GENERAL INFORMATION

Customer: DOUBLE EAGLE STEEL COATING	Generator: DOUBLE EAGLE STEEL COATING
Address: 3000 MILLER ROAD	Address: 3000 MILLER ROAD
City: DEARBORN	City: DEARBORN
State: MI Zip Code:48120	State: MI Zip Code: 48120
Contact: MARK GORNICK	Contact: MARK GORNICK
Phone #: 313-203-9880 fax: 313-203-9705	Phone #: 313-203-9880 fax:313-203-9705
24 hour phone #:	EPA ID #: MID 981 092 190

II WASTE DESCRIPTION

Waste Common Name: LAB PACKS (DES 001-004)

Specific Process Generating the Waste: DISCARDED/OBSOLETE VIRGIN AND USED LAB CHEMICALS

WASTE COMPOSITION (must equal 100%)	Actual %	MIN.	MAX.
SEE SHIPPERS			

SEE ATTACHED INVENTORY LIST

INDICATE YES(Y) OR NO(N) TO THE FOLLOWING CHARACTERISTICS OR CONTAMINANTS

Carcinogen	N Y	Oxidizer	N Y	Organics	N Y	Explosives	N Y	Phenols	N Y	Hexavalent Chrome	N Y
Radioactive	N Y	Poison	N Y	PCBs	N Y	Pesticides	N Y				

As defined in 40 CFR 268: NON- Wastewater SOLID

Sample submitted to Dynecol: YES Color: VARIES

III RCRA / ACT 451 WASTE CHARACTERIZATION

This is a hazardous waste as defined by either Michigan Act 451 of EPA 40 CFR 261:
If yes, list all waste codes: SEE SHIPPERS

This is a non-hazardous waste as defined by Michigan Act 451:
If yes, list all waste codes: SEE SHIPPERS

This waste contains a toxicity characteristic of 40 CFR 261.24 identified as waste codes D018 through D043:
If yes, list all waste codes: SEE SHIPPERS

*If based on generator knowledge, please read and understand certification in Section VI

WASTE APPROVAL FORM PAGE 2

DYNECOL, INC.

APPROVAL #

Code:

IV SHIPPING INFORMATION

WASTE VOLUME:

UNIT:

SHIPMENT FREQUENCY: ONE TIME ONLY

DOT PROPER SHIPPING NAME PER 49 CFR 172.101:

SEE SHIPPERS

DOT HAZARD CLASS: UN NUMBER: PACKAGING GROUP:

V COMMENTS

VI GENERATOR CERTIFICATION

I CERTIFY UNDER PENALTY OF LAW THAT I PERSONALLY HAVE EXAMINED AND AM FAMILIAR WITH THE WASTE THROUGH AND TESTING OR THROUGH KNOWLEDGE OF THE WASTE, AND I BELIEVE THAT THE INFORMATION I SUBMITTED IS TRUE, ACCURATE AND COMPLETE.

Mark Gornick — 7/23/03

GENERATOR NAME (PLEASE PRINT OR TYPE) — DATE

[signature] — Env. Eng

GENERATOR SIGNATURE — TITLE

VII WASTE ANALYSIS

MINIMUM ANALYTICAL REQUIREMENTS FOR HAZARDOUS WASTES ARE:

FLASH, pH, AND REACTIVES (DETECTION LIMIT OF 20ppm FOR CYANIDE AND SULFIDE)
PCBs, %HOCs, (METHOD 9020)
TCLP METALS: ARSENIC, BARIUM, CADMIUM, CHROMIUM, LEAD, MERCURY, SELENIUM, SILVER

LABORATORY ANALYSIS IS ATTACHED FOR THE ABOVE ITEMS:

YES: NO: COMPLETE: PARTIAL *: MSDS:

* _____ AUTHORIZATION FOR DYNECOL TO PERFORM ANALYSIS AS NECESSARY

PURCHASE ORDER #

VIII DYNECOL USE ONLY

APPROVAL NUMBER: 113754

TREATMENT FACILITY _____ CMF: _____

APPROVED BY: JS

EXPIRATION DATE: 7/23/04 DATE: 7/23/03

REVISED 1/99

DYNECOL
MID 074259565

DYNECOL, INC.
(313) 571-7141

CERTIFICATION FORM

(Submit with waste approval package)

UNDERLYING CONSTITUENTS/VOLATILE ORGANIC COMPOUNDS (VOC)

APPROVAL NUMBER: 113754E1 **EPA ID NUMBER:** MID 981 092 190

GENERATOR NAME: Double Eagle Steel Coating

EPA HAZARDOUS WASTE NUMBERS: U154, U239, D001

MANIFEST NUMBER (IF APPLICABLE): NA

PLEASE PLACE A CHECK MARK IN THE APPROPRIATE BOX:

- [ ] THIS WASTE IS NOT PROHIBITED FROM LAND DISPOSAL. (NOTE – ADDITIONAL CERTIFICATIONS MAY BE REQUIRED)
- [x] THIS WASTE IS PROHIBITED FROM LAND DISPOSAL.
- [x] THE WASTE DOES NOT CONTAIN UNDERLYING HAZARDOUS CONSTITUENTS LISTED IN 40 CFR 268.48 TABLE UTS-UNIVERSAL TREATMENT STANDARDS (EXCLUDING FLUORIDE, VANADIUM AND/OR ZINC).
- [ ] THE WASTE DOES CONTAIN UNDERLYING HAZARDOUS CONSTITUENTS LISTED IN 40 CFR 268.48 TABLE UTS-UNIVERSAL TREATMENT STANDARDS (EXCLUDING FLUORIDE, VANADIUM AND/OR ZINC).
- [ ] THE WASTE DOES NOT CONTAIN VOLATILE ORGANIC COMPOUNDS GREATER THAN 500 PPM.
- [x] THE WASTE DOES CONTAIN VOLATILE ORGANIC COMPOUNDS GREATER THAN 500 PPM.

NOTE: ADDITIONAL INFORMATION AS REQUIRED PER 40 CFR 268.7 GENERAL PAPERWORK REQUIREMENTS TABLE CAN BE FOUND IN THE ATTACHED DYNECOL WASTE APPROVAL FORM.

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE WASTE THROUGH ANALYSIS AND TESTING OR THROUGH KNOWLEDGE OF THE WASTE, AND BELIEVE THAT THE INFORMATION I SUBMITTED IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING A FALSE CERTIFICATION, INCLUDING A POSSIBILITY OF A FINE AND/OR IMPRISONMENT.

AUTHORIZED SIGNATURE	PRINTED NAME	DATE
[signature]	Mark Gornick	7/23/03

DYNECOL

DYNECOL, INC.
6520 GEORGIA STREET
DETROIT, MICHIGAN 48211
PHONE: (313) 571-7141
FAX: (313) 571-7190

Chemist Names:	Date:	Code:	Approval #:	Order No.:	Drum No.:
T. H.	7/23/93	D	113754F1		DES-001-

Proper DOT Shipping Name: UFL, NOS

Container Type:	UN/NA Number:	Hazard Class / Packaging Group:
AF 30	UN1993	3 PG II

Line No.	Material Description	Material Quantity	RQ	EPA Waste Code Number
01				
02	METHANOL	1 - 5 Gal		D001, U154
03	XYLENE	2 - 1 Gr		D001, U239
04	B.M. PAINT w/ STODDARD SOLVENT	2 - 1 Qt		D001
05	S.W. " w/ MINERAL SPIRITS	2 - 1 Gr		D001
06				
07				
08				
09				
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30				
	TOTAL QUANTITY			

THIS LAB PACK IS CERTIFIED ACCORDING TO DYNECOL ACT 451 PERMIT SECTION C-2b

Chemist Verification _____ This Lab Pack List continues: Yes ☐ No ☐ This is page 1 of 1

DYNECOL

DYNECOL, INC.

6520 GEORGIA STREET
DETROIT, MICHIGAN 48211
PHONE: (313) 571-7141
FAX: (313) 571-7190

Chemist Names:	Date:	Code:	Approval #:	Order No.:	Drum No.:
T Hines	7/23/03	0014	113754F.2		DS-2

Proper DOT Shipping Name: NRM

Container Type:	UN/NA Number:	Hazard Class / Packaging Group:
PF 30	—	

Line No.	Material Description	Material Quantity	RQ	EPA Waste Code Number
01	WATER w/ TRACE	4 4Gal		D29L
02	SODIUM HYPOCHLORITE			
03	pH = 7			
04				
05				
06				
07	Mark Gornick	7/23/03		
08				
09		Env. Tech		
10				
11				
12				
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19				
20	THIS LAB PACK IS CERTIFIED ACCORDING TO DYNECOL ACT 451 PERMIT SECTION C-2b			
21				
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24			7/23/03	
25				
26				
27		Mark Gornick		7/23/03
28				
29				
30				
	TOTAL QUANTITY			

Chemist Verification _____ This Lab Pack List continues: Yes ☐ No ☑ This is page _____ of _____

DYNECOL
MID 074259565

DYNECOL, INC.
(313) 571-7141

CERTIFICATION FORM
(Submit with waste approval package)

UNDERLYING CONSTITUENTS/VOLATILE ORGANIC COMPOUNDS (VOC)

APPROVAL NUMBER: 113754B.3 **EPA ID NUMBER:** MID 981 092 190

GENERATOR NAME: Double Eagle Steel Coating

EPA HAZARDOUS WASTE NUMBERS: P106, P030, D003

MANIFEST NUMBER (IF APPLICABLE): NA

PLEASE PLACE A CHECK MARK IN THE APPROPRIATE BOX:

- [ ] THIS WASTE IS NOT PROHIBITED FROM LAND DISPOSAL. (NOTE – ADDITIONAL CERTIFICATIONS MAY BE REQUIRED)
- [x] THIS WASTE IS PROHIBITED FROM LAND DISPOSAL.
- [ ] THE WASTE DOES NOT CONTAIN UNDERLYING HAZARDOUS CONSTITUENTS LISTED IN 40 CFR 268.48 TABLE UTS-UNIVERSAL TREATMENT STANDARDS (EXCLUDING FLUORIDE, VANADIUM AND/OR ZINC).
- [x] THE WASTE DOES CONTAIN UNDERLYING HAZARDOUS CONSTITUENTS LISTED IN 40 CFR 268.48 TABLE UTS-UNIVERSAL TREATMENT STANDARDS (EXCLUDING FLUORIDE, VANADIUM AND/OR ZINC).
- [x] THE WASTE DOES NOT CONTAIN VOLATILE ORGANIC COMPOUNDS GREATER THAN 500 PPM.
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NOTE: ADDITIONAL INFORMATION AS REQUIRED PER 40 CFR 268.7 GENERAL PAPERWORK REQUIREMENTS TABLE CAN BE FOUND IN THE ATTACHED DYNECOL WASTE APPROVAL FORM.

CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE WASTE THROUGH ANALYSIS AND TESTING OR THROUGH KNOWLEDGE OF THE WASTE, AND BELIEVE THAT THE INFORMATION I SUBMITTED IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING A FALSE CERTIFICATION, INCLUDING A POSSIBILITY OF A FINE AND/OR IMPRISONMENT.

AUTHORIZED SIGNATURE	PRINTED NAME	DATE
[signature]	Mark Gornick	7/22/03

TABLE UTS-- 268.48 UNIVERSAL TREATMENT STANDARDS

ORGANIC CONSTITUENTS	ww-mg/L	nwww-mg/L	ORGANIC CONSTITUENTS	ww-mg/L	nwww-mg/L	ORGANIC CONSTITUENTS	ww-mg/L	nwww-mg/L	ORGANIC CONSTITUENTS	ww-mg/L	nwww-mg/L
A2	0.042	1.4	m-Cresol	0.11	5.6	Fluoranthene	0.068	3.4	Phenol	0.039	6.2
Acenaphthene	0.059	3.4	p-Cresol	0.77	5.6	Fluorene	0.059	3.4	o-Phenylenediamine	0.056	5.6
Acenaphthylene	0.059	3.4	o-Cresol	0.77	5.6	Formetanate hydrochloride	0.056	1.4	Phorate	0.021	4.6
Acetone	0.28	160	m-Cumenyl methylcarbamate	0.056	1.4	Formparanate	0.056	1.4	Phthalic acid	0.055	28
Acetonitrile	5.6	38	Cyclohexanone	0.36	75 mg/L	Heptachlor	0.0012	0.066	Phthalic anhydride	0.055	28
Acetophenone	0.010	9.7	o,p'-DDD	0.023	0.087	Heptachlor epoxide	0.016	0.0066	Physostigmine	0.056	1.4
2-Acetylaminofluorene	0.059	140	p,p'-DDD	0.023	0.087	Hexachlorobenzene	0.055	10	Physostigmine salicylate	0.056	1.4
Acrolein	0.29	NA	o,p'-DDE	0.031	0.087	Hexachlorobutadiene	0.055	5.6	Promecarb	0.056	1.4
Acrylamide	19	23	p,p'-DDE	0.031	0.087	Hexachlorocyclopentadiene	0.057	2.4	Pronamide	0.093	1.5
Acrylonitrile	0.24	84	o,p'-DDT	0.0039	0.087	hexachlorodibenzo-furans	0.000063	0.001	Propham	0.056	1.4
Aldecarb sulfone	0.056	0.28	p,p'-DDT	0.0039	0.087	Hexachlorodibenzo-p-dioxins	0.000063	0.001	Propoxur	0.056	1.4
Aldrin	0.021	0.066	Dibenz(a,h)anthracene	0.055	8.2	Hexachloroethane	0.055	30	Prosulfocarb	0.042	1.4
4-Aminobiphenyl	0.13	NA	Dibenzo(a,e)pyrene	0.061	NA	Hexachloropropylene	0.035	30	Pyrene	0.067	8.2
Aniline	0.81	14	1,2-Dibromo-3-chloropropane	0.11	15	Indeno(1,2,3-c,d) pyrene	0.0055	3.4	Pyridine	0.014	16
Anthracene	0.059	3.4	1,2-Dibromoethane(Ethylene dibromide)	0.028	15	Iodomethane	0.19	65	Safrole	0.081	22
Aramite	0.36	NA	Dibromoethane	0.11	15	Isobutanol	5.6	170	1,2,4,5-Tetrachlorobenzene	0.055	14
Barban	0.056	1.4	m-Dichlorobenzene	0.036	6.0	Isodrin	0.021	0.066	Tetrachlorodibenzo-furans	0.000063	0.001
Bendiocarb	0.056	1.4	o-Dichlorobenzene	0.088	6.0	Isolan	0.056	1.4	Tetrachlorodibenzo-p-dioxins	0.000063	0.001
Bendiocarb phenol	0.056	1.4	p-Dichlorobenzene	0.09	6.0	Isosafrole	0.081	2.6	1,1,1,2-Tetrachloroethane	0.057	6.0
Benomyl	0.056	1.4	Dichlorodifluoromethane	0.23	7.2	Kepone	0.0011	0.13	1,1,2,2-Tetrachloroethane	0.057	6.0
alpha-BHC	0.0001	0.066	1,1-Dichloroethane	0.059	6.0	Methacrylonitrile	0.24	84	Tetrachloroethylene	0.056	6.0
beta-BHC	0.0001	0.066	1,2-Dichloroethane	0.21	6.0	Methanol	5.6	75 mg/L	2,3,4,6-Tetrachlorophenol	0.030	7.4
delta-BHC	0.023	0.066	1,1-Dichloroethylene	0.025	6.0	Methapyrilene	0.081	1.5	Thiodicarb	0.019	1.4
gamma-BHC	0.0017	0.066	trans-1,2-Dichloroethylene	0.054	30	Methiocarb	0.056	1.4	Thiophanate-methyl	0.056	1.4
Benzal Chloride	0.055	6.0	2,4-Dichlorophenol	0.044	14	Methomyl	0.028	0.14	Tirpate	0.056	0.28
Benz(a)anthracene	0.059	3.5	2,6-Dichlorophenol	0.044	14	Methoxychlor	0.25	0.18	Toluene	0.080	10
Benzene	0.14	10	2,4-D	0.72	10	3-Methylcholanthrene	0.0055	15	Toxaphene	0.0095	2.6
Benzo(b)fluoranthene	0.11	6.8	1,2-Dichloropropane	0.85	18	4,4-Methylene bis(2-chloroaniline)	0.50	30	Triallate	0.042	1.4
Benzo(k)fluoranthene	0.11	6.8	cis-1,3-Dichloropropylene	0.036	18	Methylene chloride	0.089	30	1,2,4-Trichlorobenzene	0.055	19
Benzo(g,h,i) perylene	0.0055	1.8	trans-1,3-Dichloropropylene	0.036	18	Methyl ethyl ketone	0.28	36	1,1,1-Trichloroethane	0.054	6.0
Benzo(a) pyrene	0.061	3.4	Dieldrin	0.017	0.13	Methyl isobutyl ketone	0.14	33	1,1,2-Trichloroethane	0.054	6.0
bis(2-Chloroethoxy) methane	0.036	7.2	Diethyl phthalate	0.20	28	Methyl methacrylate	0.14	160	Trichloroethylene	0.054	6.0
bis(2-Chloroethyl) ether	0.033	6.0	Diethylene glycol, dicarbamate	0.056	1.4	Methyl methansulfonate	0.018	NA	Trichlorofluoromethane	0.020	30
bis(2-Ethylhexyl) phthalate	0.28	28	p-Dimethylaminoazobenzen	0.13	NA	Methyl parathion	0.014	4.6	2,4,5-Trichlorophenol	0.018	7.4
Bromodichloromethane	0.35	15	2,4-Dimethylphenol	0.036	14	Metolcarb	0.056	1.4	2,4,6-Trichlorophenol	0.035	7.4
Bromoform (Tribromomethane)	0.63	15	Dimethyl phthalate	0.047	28	Mexacarbate	0.056	1.4	2,4,5-T	0.72	7.9
Bromomethane (Methyl bromide)	0.11	15	Dimetilan	0.056	1.4	Molinate	0.042	1.4	2,4,5-TP (Silvex)	0.72	7.9
4-Bromophenyl phenyl ether	0.055	15	Di-n-butyl phthalate	0.057	28	2-Naphthylamine	0.52	NA	1,2,3-Trichloropropane	0.85	30
n-Butanol (n-Butyl alcohol)	5.6	2.6	1,4-Dinitrobenzene	0.32	2.3	Naphthalene	0.059	5.6	1,1,2-Trichloro-1,2,2-trifluoroethane	0.057	30
Butyl benzyl phhthalate	0.017	28	4,6-Dinitro-o-cresol	0.28	160	o-Nitroaniline	0.27	14	Triethylamine	0.081	1.5
Butylate	0.042	1.4	2,4-Dinitrophenol	0.12	160	p-Nitrolaniline	0.028	28	Tris(2,3-Dibromopropyl) phosphate	0.11	0.10
2-sec-Butyl-4,6-dinitrophenol (Dinoseb)	0.066	2.5	2,4-Dinitrotoluene	0.32	140	Nitrobenezene	0.068	14	Vernolate	0.042	1.4
Carbaryl	0.006	0.14	2,6-Dinitrotoluene	0.55	28	5-Nitro-o-toluidine	0.32	28	Vinyl chloride	0.27	6.0
Carbendazim	0.056	1.4	Di-n-octyl phthalate	0.017	28	o-Nitrophenol	0.028	13	Xylene-sum of mixed isomers	0.32	30
Carbofuran	0.006	0.14	Di-n-propylnitrosamine	0.40	14	p-Nitrophenol	0.12	29	METALS AND INORGANICS	ww-mg/L	nwww-mg/L
Carbofuran phenol	0.056	1.4	1,4-Dioxane	12.0	170	N-Nitroso-di-n-butylamine	0.40	17	Antimony	1.9	1.15
Carbon disulfide	3.8	4.8 mg/L	Diphenylamine	0.92	13	N-Nitrosodiethylamine	0.40	28	Arsenic	1.4	5.0
Carbon tetrachloride	0.057	6.0	Diphenylnitrosamine	0.92	13	N-Nitrosodimethylamine	0.40	2.3	Barium	1.2	21
Carbosulfan	0.028	1.4	1,2-Diphenyl hydrazine	0.087	NA	N-Nitrosomethylethylamine	0.40	2.3	Beryllium	0.82	1.22
Chlordane (alpha and gamma)	0.0033	0.26	Disulfoton	0.017	6.2	N-Nitrosomorpholine	0.40	2.3	Cadmium	0.69	0.11
p-Chloroaniline	0.46	16	Dithiocarbamates (total)	0.028	28	N-Nitrosopiperidine	0.013	35	Chromium (Total)	2.77	0.60
Chlorobenzene	0.057	6.0	Endosulfan I	0.023	0.066	N-Nitrosopyrrolidine	0.013	35	Cyanide (Total)	1.2	590
Chlorobenzilate	0.10	NA	Endosulfan II	0.029	0.13	Oxamyl	0.056	0.28	Cyanide (Amenable)	0.86	30
2-Chloro-1,3-butadiene	0.057	0.28	Endosulfan sulfate	0.029	0.13	Parathion	0.014	4.6	Fluoride*	35	NA
Chlorodibromomethane	0.057	15	Endrin	0.0028	0.13	Total PCB's	0.10	10	Lead	0.69	0.75
Chlor[illegible]thane	0.27	6.0	Endrin aldehyde	0.025	0.13	Pebulate	0.042	1.4	Mercury (retort residues)	NA	0.20
Chl[illegible]m	0.046	6.0	EPTC	0.042	1.4	Pentachlorobenzene	0.055	10	Mercury (all others)	0.15	0.025
p-Chloro-m-cresol	0.018	14	Ethyl acetate	0.34	33	Pentachlorodibenzo-p-dioxins	0.000063	0.001	Nickel	3.98	11
2-Chloroethyl vinyl ether	0.062	NA	Ethyl benzene	0.057	10	Pentachlordibenzo-furans	0.000035	0.001	Selenium	0.82	5.7
Chloromethane (Methyl Chloride)	0.19	30	Ethyl cyanide (Propanenitrile)	0.24	360	Pentachloroethane	0.055	6.0	Silver	0.43	0.14
2-Chloronaphthalene	0.055	5.6	Ethyl ether	0.12	160	Pentachloronitrobenzene	0.055	4.8	Sulfide	14	NA
2-Chlorophenol	0.044	5.7	Ethyl methacrylate	0.14	160	Pentachlorophenol	0.089	7.4	Thallium	1.4	0.20
3-Chloropropylene	0.036	30	Ethylene oxide	0.12	NA	Phenacetin	0.081	16	Vanadium*	4.3	1.6
Chrysene	0.059	3.4	Famphur	0.017	15	Phenanthrene	0.059	5.6	Zinc*	2.61	4.3

DYNECOL

DYNECOL, INC.
6520 GEORGIA STREET
DETROIT, MICHIGAN 48211
PHONE: (313) 571-7141
FAX: (313) 571-7190

Chemist Names:	Date:	Code:	Approval #:	Order No.:	Drum No.:
	7-23-03		113754B3		DFS-003

Proper DOT Shipping Name: N/B

Container Type: 5DF

UN/NA Number: UN1935

Hazard Class / Packaging Group: 6.1 PG I

Line No.	Material Description	Material Quantity	RQ	EPA Waste Code Number
01				
02	Rapid Silver cocktail w/ NaCN & AgCN	3x 1pt		P030, D003
03				
04				
05	Rapid Activator #4 w/ NaCN	5x 1pt		P106, D003
06				
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20	THIS LAB PACK IS CERTIFIED ACCORDING TO DYNECOL ACT 451 PERMIT SECTION C-2b			
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	TOTAL QUANTITY			

Chemist Verification _____ This Lab Pack List continues: Yes ☐ No ☐ This is page _____ of _____

DYNECOL

DYNECOL, INC.

6520 GEORGIA STREET
DETROIT, MICHIGAN 48211
PHONE: (313) 571-7141
FAX: (313) 571-7190

Chemist Names:	Date:	Code:	Approval #:	Order No.:	Drum No.:
T. Hines	7/23/03	17	1157404		DC3-4

Proper DOT Shipping Name: NRM

Container Type:	UN/NA Number:	Hazard Class / Packaging Group:
DT5	—	—

Line No.	Material Description	Material Quantity	RQ	EPA Waste Code Number
01	ETHYLENE GLYCOL/H2O	2-1Gal		D29C
02	LATEX PAINT	8-1Gal		↓
03		8-1qt		↓
04				
05				
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19	THIS LAB PACK IS CERTIFIED ACCORDING TO DYNECOL ACT 451 PERMIT SECTION C-2b			
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27				
28		Martha Burnside		7/22/03
29				
30				
	TOTAL QUANTITY			

Chemist Verification _____ This Lab Pack List continues: Yes ☐ No ☑ This is page _____ of _____

DYNECOL, INC.
6520 GEORGIA STREET
DETROIT, MICHIGAN 48211
PHONE: (313) 571-7140
FAX: (313) 571-7190

WASTE APPROVAL FORM

I. General Information					
Approval Number	5580		**Cust./Gen.Code:**		51
Generator Name:	Double Eagle Steel				
Address:	3000 Miller Road				
City:	Dearborn	**State:**	MI	**Zip Code:**	48120
Contact Name:	Chris McBee				
Phone Number:	313-203-9829		**Fax Number:**		313-203-9705
24 Hour Emergency #:					
EPA ID Number:	MID981092190		**SIC Code:**		
Customer Name:	Double Eagle Steel				
Customer Contact:	Chris McBee				
Address:	3000 Miller Road				
City:	Dearborn	**State:**	MI	**Zip**	48120
Phone Number:	313-203-9829		**Fax Number:**		313-203-9705
24 Hour Emergency #:					

II. Waste Description	
Waste Common Name:	Acid Clean & Scale

Specific Process Generating the waste: Cleaning of pipes and equipment to remove iron oxides and dirt. The piping and equipment are used to clean (scrub) steel prior to electrogalvanizing operations. (Zinc plating on carbon steel) Equipment and piping are cleaned using 10% solution of Acid Clean 508 GE

DYNECON INC. Waste Approval Form PAGE 2 — Approval Number [illegible]

III. Waste Composition (Material Info)

Constituent	Actual % of representative sample	Min. % of waste stream	Max. % of waste stream
Water	90%	85%	95%
Phosphoric Acid	6%	5%	15%
Oxalic Acid	<1%	1%	3%
Iron Oxides	3%	1%	5%

IV. Waste Characterization

A. Michigan Act 451 and EPA 40 CFR Information: (For the following, please use SW 846 test method for determination)

1. Is this a hazardous waste as defined by either R299.9212-9214 or 261 Subpart B,C, or D?

Check One: ____X_ **YES** _____ **NO**

a) *IF YES,* please list all applicable waste codes:

D002

b) *IF NO*, please list all applicable non-hazardous waste codes as defined by Michigan Act 451 Part 121:

2. Does this waste indicate a volatile organic concentration in excess of 500 ppm or the compounds listed in 40 CFR 265 Appendix VI?:

Check One: _____ **YES** ___X__ **NO**

a) *IF YES*, please indicate constituents and concentrations:

3. Does the analysis indicate PCB's above the detection limit?

Check One: _____ **YES** ___X__ **NO**

a) IF YES, does the waste contain PCB contamination from a source with a concentration greater than or equal to 50 ppm?

Check One: _____ **YES** _____ **NO**

UNITECH INC Waste Approval Form PAGE 2 — Approval Number

III. Waste Characterization (continued)

B. Benzene/NESHAP Information (For the following, please use SW 846 method 8020 and/or EPA 602 and/or 624 for determination)

1. Does the waste stream have a benzene concentration of 10 ppm or more?

Check One: _____ **YES** ___X___ **NO**

IF YES, please indicate total benzene concentration of waste:

2. Does the waste stream contain greater than 10% water ?

Check One: ___X__ **Yes** _____ **NO**

3. Does the generator manage wastes from facilities with Total Annual Benzene (TAB) greater or equal to 10 mg/year?

Check One: _____ **Yes** ___X_ **NO**

IF YES, please indicate TAB quantity for generator facility:

C. Land Disposal Restriction Information (For the following, please see 40 CFR part 268.2 for definitions)

1. Does the waste stream contain less than 1% by weight Total Organic Carbon (TOC) and less than 1% by weight Total Suspended Solids?

Check One: _____ **YES** (wastewater) ___X__ **NO** (Non-wastewater)

IV. General Characteristics (at 70 degrees F unless otherwise specified)

Color	Yellow-Brown		Phases
pH	2 to 3		■ Single Layer
■ Liquid	☐ Sludge/Slurry	☐ Solid	☐ Double Layer
Odor:			☐ Multi-Layer
■ None	☐ Strong	☐ Mild	

V. Shipping Information

A. Determination of shipping name as defined by 29 CFR 172.101:

1. Proper Shipping Name:	RQ, Waste Corrosive Liquid,acidic,inorganic, n.o.s.				
	(Phosphoric Acid, Oxalic Acid)				
2. Hazard Class: 8	3. UN/NA Number: UN3264				
4. Packing Group (Circle one):	I		III	None	
B. Shipping Container (Circle one)	Drums	Pails	Totes	Roll Off	Other:
C. Waste Volume	2000				
D. Shipping Frequency (Circle one)	Weekly	Monthly	Quarterly		One Time Only

Please list any additional comments concerning this waste stream below:

Same stream as approval 5444 but a new customer

A. Authorization to correct material profile sheet

Christopher McBee

X I CHRISTOPHER McBee (generator signature) hereby give authorization for Dynecol, Inc. to make corrections with oral authorization to establish consistency with the results of sample analysis and/or applicable federal and state regulations and the information on this profile. These changes WILL NOT include the addition or removal of waste codes and waste constituents which must have written authorization to be changed by the generator. I understand that Dynecol reserves the right to reject any material that does not conform to specifications described in profile.

B. Certification

I certify, under penalty of law, that I have personally examined, and am familiar with, the waste profiled through knowledge of the waste, and I believe the information submitted to be true, accurate, and complete.

X CHRISTOPHER McBee	ENVIRONMENTAL ENGINEER
Generator Name (Please print or type)	**Title**
X Christopher McBee	1/30/06
Generator Signature	**Date**

Please list any revisions made to form

Revision	Date of Revision	Generator Authorization

A. Approval Information

CMF WASTES:		PLANT WASTES:	
Primary outbound approval number		Plant treatment code	0004
Off-site management code		On-site management code:	G

WAF Initiator signature:	A. Hartley		
Approved by:	[illegible]	Date:	2/1/06

DYNECOL
MID 074259565

DYNECOL, INC.
(313) 571-7141

CERTIFICATION FORM

(Submit with waste approval package)

UNDERLYING CONSTITUENTS/VOLATILE ORGANIC COMPOUNDS (VOC)

APPROVAL NUMBER: 5580 **EPA ID NUMBER:** MID 981092190

GENERATOR NAME: Double Eagle Steel Coating

EPA HAZARDOUS WASTE NUMBERS: D002

MANIFEST NUMBER (IF APPLICABLE): _____

PLEASE PLACE A CHECK MARK IN THE APPROPRIATE BOX:

- [ ] THIS WASTE IS NOT PROHIBITED FROM LAND DISPOSAL. (NOTE – ADDITIONAL CERTIFICATIONS MAY BE REQUIRED)
- [x] THIS WASTE IS PROHIBITED FROM LAND DISPOSAL.
- [ ] THE WASTE DOES NOT CONTAIN UNDERLYING HAZARDOUS CONSTITUENTS LISTED IN 40 CFR 268.48 TABLE UTS-UNIVERSAL TREATMENT STANDARDS (EXCLUDING FLUORIDE, VANADIUM AND/OR ZINC).
- [x] THE WASTE DOES CONTAIN UNDERLYING HAZARDOUS CONSTITUENTS LISTED IN 40 CFR 268.48 TABLE UTS-UNIVERSAL TREATMENT STANDARDS (EXCLUDING FLUORIDE, VANADIUM AND/OR ZINC).
- [x] THE WASTE DOES NOT CONTAIN VOLATILE ORGANIC COMPOUNDS GREATER THAN 500 PPM.
- [ ] THE WASTE DOES CONTAIN VOLATILE ORGANIC COMPOUNDS GREATER THAN 500 PPM.

NOTE: ADDITIONAL INFORMATION AS REQUIRED PER 40 CFR 268.7 GENERAL PAPERWORK REQUIREMENTS TABLE CAN BE FOUND IN THE ATTACHED DYNECOL WASTE APPROVAL FORM.

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE WASTE THROUGH ANALYSIS AND TESTING OR THROUGH KNOWLEDGE OF THE WASTE, AND BELIEVE THAT THE INFORMATION I SUBMITTED IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING A FALSE CERTIFICATION, INCLUDING A POSSIBILITY OF A FINE AND/OR IMPRISONMENT.

Christopher McBee	CHRISTOPHER McBEE	1/30/06
AUTHORIZED SIGNATURE	PRINTED NAME	DATE

TABLE UTS-- 268.48 UNIVERSAL TREATMENT STANDARDS

ORGANIC CONSTITUENTS	WW-mg/L	NWW-mg/L	ORGANIC CONSTITUENTS	WW-mg/L	NWW-mg/L	ORGANIC CONSTITUENTS	WW-mg/L	NWW-mg/L	ORGANIC CONSTITUENTS	WW-mg/L	NWW-mg/L
A2213	0.042	1.4	m-Cresol	0.11	5.6	Fluoranthene	0.068	3.4	Phenol	0.039	6.2
Acenaphthene	0.059	3.4	p-Cresol	0.77	5.6	Fluorene	0.059	3.4	o-Phenylenediamine	0.056	5.6
Acenaphthylene	0.059	3.4	o-Cresol	0.77	5.6	Formetanate hydrochloride	0.056	1.4	Phorate	0.021	4.6
Acetone	0.28	160	m-Cumenyl methylcarbamate	0.056	1.4	Formparanate	0.056	1.4	Phthalic acid	0.055	28
Acetonitrile	5.6	38	Cyclohexanone	0.36	75 mg/L	Heptachlor	0.0012	0.066	Phthalic anhydride	0.055	28
Acetophenone	0.010	9.7	o,p'-DDD	0.023	0.087	Heptachlor epoxide	0.016	0.0066	Physostigmine	0.056	1.4
2-Acetylaminofluorene	0.059	140	p,p'-DDD	0.023	0.087	Hexachlorobenezene	0.055	10	Physostigmine salicylate	0.056	1.4
Acrolein	0.29	NA	o,p'-DDE	0.031	0.087	Hexachlorobutadiene	0.055	5.6	Promecarb	0.056	1.4
Acrylamide	19	23	p,p'-DDE	0.031	0.087	Hexachlorocyclopentadiene	0.057	2.4	Pronamide	0.093	1.5
Acrylonitrile	0.24	84	o,p'-DDT	0.0039	0.087	hexachlorodibenzo-furans	0.000063	0.001	Propham	0.056	1.4
Aldecarb sulfone	0.056	0.28	p,p'-DDT	0.0039	0.087	Hexachlorodibenzo-p-dioxins	0.000063	0.001	Propoxur	0.056	1.4
Aldrin	0.021	0.066	Dibenz(a,h)anthracene	0.055	8.2	Hexachloroethane	0.055	30	Prosulfocarb	0.042	1.4
4-Aminobiphenyl	0.13	NA	Dibenzo(a,e)pyrene	0.061	NA	Hexachloropropylene	0.035	30	Pyrene	0.067	8.2
Aniline	0.81	14	1,2-Dibromo-3-chloropropane	0.11	15	Indeno(1,2,3-c,d) pyrene	0.0055	3.4	Pyridine	0.014	16
Anthracene	0.059	3.4	1,2-Dibromoethane(Ethylene dibromide)	0.028	15	Iodomethane	0.19	65	Safrole	0.081	22
Aramite	0.36	NA	Dibromoethane	0.11	15	Isobutanol	5.6	170	1,2,4,5-Tetrachlorobenzene	0.055	14
Barban	0.056	1.4	m-Dichlorobenzene	0.036	6.0	Isodrin	0.021	0.066	Tetrachlorodibenzo-furans	0.000063	0.001
Bendiocarb	0.056	1.4	o-Dichlorobenzene	0.088	6.0	Isolan	0.056	1.4	Tetrachlorodibenzo-p-dioxins	0.000063	0.001
Bendiocarb phenol	0.056	1.4	p-Dichlorobenzene	0.09	6.0	Isosafrole	0.081	2.6	1,1,1,2-Tetrachloroethane	0.057	6.0
Benomyl	0.056	1.4	Dichlorodifluoromethane	0.23	7.2	Kepone	0.0011	0.13	1,1,2,2-Tetrachloroethane	0.057	6.0
alpha-BHC	0.0001	0.066	1,1-Dichloroethane	0.059	6.0	Methacrylonitrile	0.24	84	Tetrachloroethylene	0.056	6.0
beta-BHC	0.0001	0.066	1,2-Dichloroethane	0.21	6.0	Methanol	5.6	75 mg/L	2,3,4,6-Tetrachlorophenol	0.030	7.4
delta-BHC	0.023	0.066	1,1-Dichloroethylene	0.025	6.0	Methapyrilene	0.081	1.5	Thiodicarb	0.019	1.4
gamma-BHC	0.0017	0.066	trans-1,2-Dichloroethylene	0.054	30	Methiocarb	0.056	1.4	Thiophanate-methyl	0.056	1.4
Benzal Chloride	0.055	6.0	2,4-Dichlorophenol	0.044	14	Methomyl	0.028	0.14	Tirpate	0.056	0.28
Benz(a)anthracene	0.059	3.5	2,6-Dichlorophenol	0.044	14	Methoxychlor	0.25	0.18	Toluene	0.080	10
Benzene	0.14	10	2,4-D	0.72	10	3-Methylchoanthrene	0.0055	15	Toxaphene	0.0095	2.6
Benzo(b)fluoranthene	0.11	6.8	1,2-Dichloropropane	0.85	18	4,4-Methylene bis(2-chloraniline)	0.50	30	Triallate	0.042	1.4
Benzo(k)fluoranthene	0.11	6.8	cis-1,3-Dichlorpropylene	0.036	18	Methylene chloride	0.089	30	1,2,4-Trichlorobenzene	0.055	19
Benzo(g,h,I) perylene	0.0055	1.8	trans-1,3-Dichchloropropylene	0.036	18	Methyl ethyl ketone	0.28	36	1,1,1-Trichloroethane	0.054	6.0
Benzo(a) pyrene	0.061	3.4	Dieldrin	0.017	0.13	Methyl isobutyl ketone	0.14	33	1,1,2-Trichloroethane	0.054	6.0
bis(2-Chloroethoxy) methane	0.036	7.2	Diethyl phthalate	0.20	28	Methyl methacrylate	0.14	160	Trichloroethylene	0.054	6.0
bis(2-Chloroethyl) ether	0.033	6.0	Diethylene glycol, dicarbamate	0.056	1.4	Methyl methansulfonate	0.018	NA	Trichlorofluoromethane	0.020	30
bis(2-Ethylhexyl) phthalate	0.28	28	p-Dimethylaminoazobenzen	0.13	NA	Methyl parathion	0.014	4.6	2,4,5-Trichlorophenol	0.018	7.4
Bromodichloromethane	0.35	15	2,4-Dimethylphenol	0.036	14	Metolcarb	0.056	1.4	2,4,6-Trichlorophenol	0.035	7.4
Bromoform (Tribromomethane)	0.63	15	Dimethyl phthalate	0.047	28	Mexacarbate	0.056	1.4	2,4,5-T	0.72	7.9
Bromomethane (Methyl bromide)	0.11	15	Dimetilan	0.056	1.4	Molinate	0.042	1.4	2,4,5-TP (Silvex)	0.72	7.9
4-Bromophenyl phenyl ether	0.055	15	Di-n-butyl phthalate	0.057	28	2-Naphthylamine	0.52	NA	1,2,3-Trichloropropane	0.85	30
n-Butanol (n-Butyl alcohol)	5.6	2.6	1,4-Dinitrobenzene	0.32	2.3	Naphthalene	0.059	5.6	1,1,2-Trichloro-1,2,2-trifluoroethane	0.057	30
Butyl benzyl phhthalate	0.017	28	4,6-Dinitro-o-cresol	0.28	160	o-Nitroaniline	0.27	14	Triethylamine	0.081	1.5
Butylate	0.042	1.4	2,4-Dinitrophenol	0.12	160	p-Nitrolaniline	0.028	28	Tris(2,3-Dibromopropyl) phosphate	0.11	0.10
2-sec-Butyl-4,6-dinitrophenol (Dinoseb)	0.066	2.5	2,4-Dinitrotoluene	0.32	140	Nitrobenezene	0.068	14	Vernolate	0.042	1.4
Carbaryl	0.006	0.14	2,6-Dinitrotoluene	0.55	28	5-Nitro-o-toluidine	0.32	28	Vinyl chloride	0.27	6.0
Carbendazim	0.056	1.4	Di-n-octyl phthalate	0.017	28	o-Nitrophenol	0.028	13	Xylene-sum of mixed isomers	0.32	30
Carbofuran	0.006	0.14	Di-n-propylnitrosamine	0.40	14	p-Nitrophenol	0.12	29	**METALS AND INORGANICS**	WW-mg/L	NWW-mg/L
Carbofuran phenol	0.056	1.4	1,4-Dioxane	12.0	170	N-Nitroso-di-n-butylamine	0.40	17	Antimony	1.9	1.15
Carbon disulfide	3.8	4.8 mg/L	Diphenylamine	0.92	13	N-Nitrosodiethylamine	0.40	28	Arsenic	1.4	5.0
Carbon tetrachloride	0.057	6.0	Diphenylnitrosamine	0.92	13	N-Nitrosodimethylamine	0.40	2.3	Barium	1.2	21
Carbosulfan	0.028	1.4	1,2-Diphenyl hydrazine	0.087	NA	N-Nitrosomethylethylamine	0.40	2.3	Beryllium	0.82	1.22
Chlordane (alpha and gamma)	0.0033	0.26	Disulfoton	0.017	6.2	N-Nitrosomorpholine	0.40	2.3	Cadmium	0.69	0.11
p-Chloroaniline	0.46	16	Dithiocarbamates (total)	0.028	28	N-Nitrosopiperidine	0.013	35	Chromium (Total)	2.77	0.60
Chlorobenzene	0.057	6.0	Endosulfan I	0.023	0.066	N-Nitrosopyrrolidine	0.013	35	Cyanide (Total)	1.2	590
Chlorobenzilate	0.10	NA	Endosulfan II	0.029	0.13	Oxamyl	0.056	0.28	Cyanide (Amenable)	0.86	30
2-Chloro-1,3-butadiene	0.057	0.28	Endosulfan sulfate	0.029	0.13	Parathion	0.014	4.6	Fluoride*	35	NA
Chlorodibromomethane	0.057	15	Endrin	0.0028	0.13	Total PCB's	0.10	10	Lead	0.69	0.75
Chloroethane	0.27	6.0	Endrin aldehyde	0.025	0.13	Pebulate	0.042	1.4	Mercury (retort residues)	NA	0.20
Chlor[illegible]n	0.046	6.0	EPTC	0.042	1.4	Pentachlorobenzene	0.055	10	Mercury (all others)	0.15	0.025
p-Chl[illegible]n-cresol	0.018	14	Ethyl acetate	0.34	33	Pentachlorodibenzo-p-dioxins	0.000063	0.001	Nickel	3.98	11
2-Chloroethyl vinyl ether	0.062	NA	Ethyl benzene	0.057	10	Pentachlordibenzo-furans	0.000035	0.001	Selenium	0.82	5.7
Chloromethane (Methyl Chloride)	0.19	30	Ethyl cyanide (Propanenitrile)	0.24	360	Pentachloroethane	0.055	6.0	Silver	0.43	0.14
2-Chloronaphthalene	0.055	5.6	Ethyl ether	0.12	160	Pentachloronitrobenzene	0.055	4.8	Sulfide	14	NA
2-Chlorophenol	0.044	5.7	Ethyl methacrylate	0.14	160	Pentachlorophenol	0.089	7.4	Thallium	1.4	0.20
3-Chloropropylene	0.036	30	Ethylene oxide	0.12	NA	Phenacetin	0.081	16	Vanadium*	4.3	1.6
Chrysene	0.059	3.4	Famphur	0.017	15	Phenanthrene	0.059	5.6	Zinc*	2.61	4.3

* Fluoride, Vanadium, and Zinc are not "Underlying hazardous constituents" in characteristic wastes, according to the definition at 268.2(i)

22345 Roethel Drive
Novi, MI 48375
248.344.1770
Fax 248.344.2654

Clayton
GROUP SERVICES

February 21, 2005

Joe O'Mally
DOUBLE EAGLE STEEL COATING COMPANY
3000 Miller Road
Dearborn, MI 48120

Clayton Work Order No. 05020554

Reference:

Dear Joe O'Mally:

Clayton Group Services received 1 sample on 2/11/05 for the analyses presented in the following report.

This is a preliminary report. Caution should be exercised in the use of any data presented.

This material is confidential and is intended solely for the person to whom it is addressed. If this is received in error, please contact the number provided below.

If you have any questions regarding these tests results, please feel free to contact a Client Services Representative at (800) 806-5887.

Sincerely,

Karen Coonan

Karen Coonan
Client Services Representative

cc:

CASE NARRATIVE

Date: *21-Feb-05*

CLIENT: DOUBLE EAGLE STEEL COATING COMPANY

Project:

Work Order No 05020554

All quality control results associated with this sample set were within acceptable limits and/or do not adversely affect the reported results, unless otherwise noted below.

Samples were received at the laboratory at an average temperature of 3.8 °C.

Analytical Comments for Method 8082W, sample -001B: Reporting limits are elevated due to sample matrix interference. Please note that the surrogate standard recoveries were below acceptance criteria, due to matrix. The results are estimated.

ANALYTICAL RESULTS

Date: *21-Feb-05*

CLIENT: DOUBLE EAGLE STEEL COATING COMPANY
Client Sample ID: ACID CLEAN & SCALE
Work Order No: 05020554
Tag Number:
Project:
Collection Date: 2/10/05 11:00:00 AM
Lab ID: 05020554-001B
Matrix: AQUEOUS

Analyses	Result	Reporting Limit	Qual	Units	DF	Date Analyzed	Analyst
IGNITABILITY; METHOD EPA 1010							
Ignitability	161	0		°F	1	2/17/05	CLH
PCBS BY GC; METHOD EPA 8082							
Aroclor 1016	ND	0.25		µg/L	1	2/17/05	BVP
Aroclor 1221	ND	0.25		µg/L	1	2/17/05	BVP
Aroclor 1232	ND	0.25		µg/L	1	2/17/05	BVP
Aroclor 1242	ND	0.25		µg/L	1	2/17/05	BVP
Aroclor 1248	ND	0.25		µg/L	1	2/17/05	BVP
Aroclor 1254	ND	0.25		µg/L	1	2/17/05	BVP
Aroclor 1260	ND	0.25		µg/L	1	2/17/05	BVP
PH; METHOD EPA 150.1							
pH	1.9	1.0		pH Units	1	2/16/05 10:50:00	HML
REACTIVE CYANIDE, EPA SW 846 CHAPTER 7.3.3.2							
Reactive Cyanide	ND	0.10		mg/L	1	2/17/05	HML
REACTIVE SULFIDE; EPA SW 846 CHAPTER 7.3.4.2							
Reactive Sulfide	ND	100		mg/L	1	2/17/05	HML

Qualifiers:
ND - Not Detected at the Reporting Limit (RL)
J - Analyte detected below the Reporting Limit
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
T - Tentatively Identified Compound (TIC)

PRELIMINARY

ANALYTICAL RESULTS

Date: *21-Feb-05*

CLIENT:	DOUBLE EAGLE STEEL COATING COMPANY	**Client Sample ID:**	ACID CLEAN & SCALE
Work Order No:	05020554	**Tag Number:**	
Project:		**Collection Date:**	2/10/05 11:00:00 AM
Lab ID:	05020554-001C	**Matrix:**	LEACHATE

Analyses	Result	Reporting Limit	Qual	Units	DF	Date Analyzed	Analyst
ICP METALS;LEACHATE: METHOD EPA 1311/6010B							
Arsenic	1.1	0.10		mg/L	1	2/18/05	CAW
Barium	1.9	0.10		mg/L	1	2/18/05	CAW
Cadmium	0.18	0.050		mg/L	1	2/18/05	CAW
Chromium	1.6	0.10		mg/L	1	2/18/05	CAW
Lead	0.25	0.10		mg/L	1	2/18/05	CAW
Selenium	ND	0.20		mg/L	1	2/18/05	CAW
Silver	0.030	0.020		mg/L	1	2/18/05	CAW
MERCURY; LEACHED: METHOD EPA 1311/7470A							
Mercury	ND	0.0010		mg/L	1	2/18/05	ETG

Qualifiers:

ND - Not Detected at the Reporting Limit (RL).

J - Analyte detected below the Reporting Limit

B - Analyte detected in the associated Method Blank

* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

E - Value above quantitation range

T - Tentatively Identified Compound (TIC)

PRELIMINARY

Material Safety Data Sheet

Print date: 03/09/2004 *Version: 0* *Revision date: 10/06/2003*

1. COMPANY AND PRODUCT IDENTIFICATION

Product code: 008796-08
Product name: **ACID CLEAN 508 GE**

Supplier:
Quaker Chemical Corporation
Quaker Park One
901 Hector Street
Conshohocken, PA 19428
610-832-4000
E-mail: she@quakerchem.com

Emergency telephone number:
* 24 HOUR TRANSPORTATION:
**CHEMTREC: 1-800-424-9300
703-527-3887 (Call collect outside of US)
* 24 HOUR EMERGENCY HEALTH & SAFETY:
**QUAKER CHEMICAL CORPORATION: (800) 523-7010(Within US only)
Outside of US call (703) 527-3887

2. COMPOSITION/INFORMATION ON INGREDIENTS

HAZARDOUS COMPONENTS

Components	Weight %	CAS No.	OSHA TWA (final):	ACGIH Exposure Limits:
Phosphoric acid	40 - 50%	7664-38-2	3mg/m³	1 mg/m³ 3mg/m³STEL
Oxalic acid	1 - 5%	144-62-7	None	1 mg/m³ 2mg/m³STEL

3. HAZARDS IDENTIFICATION

Emergency Overview
The product causes burns of eyes, skin and mucous membranes.
May cause irritation of respiratory tract.
May be harmful if swallowed.

Principle routes of exposure: Eyes, skin and inhalation.

Signal word: WARNING

Eye contact: Causes eye burns.

Skin contact: Causes skin burns.

Inhalation: Avoid breathing vapors or mists. May cause irritation of respiratory tract.

Ingestion: Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhoea.

Physico-chemical properties: No hazards resulting from material as supplied.

4. FIRST AID MEASURES

General advice: Take off all contaminated clothing immediately.. Rinse immediately with plenty of water and seek medical advice..

Eye contact: Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.

Skin contact: Rinse immediately with plenty of water for at least 15 minutes. Remove and wash contaminated clothing before re-use. If skin irritation persists, call a physician.

Ingestion: Consult a physician. Do not induce vomiting. Never give anything by mouth to an unconscious person.

Inhalation: Move to fresh air in case of accidental inhalation of vapors. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Consult a physician.

Notes to physician: Oxalic acid is a systemic poison. It has been shown to cause delayed kidney and heart damage

Medical condition aggravated by exposure: Dermatitis

5. FIRE FIGHTING MEASURES

Flash point (°C): NA **Flash point (°F):** NA **Flash Point Method:** Not applicable

Flammable limits in air - lower (%): Not determined **Flammable limits in air - upper (%):** Not determined

Suitable extinguishing media: Use dry chemical, CO2, water spray or `alcohol` foam.

Unusual hazards: None known

Special protective equipment for fire-fighters: As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

Specific methods: Water mist may be used to cool closed containers.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions: Use personal protective equipment. Ensure adequate ventilation. Avoid contact with skin, eyes and clothing

Environmental precautions: No information available

Methods for cleaning up: Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust).

7. HANDLING AND STORAGE

Handling

Technical measures/precautions: Provide sufficient air exchange and/or exhaust in work rooms.

Decomposition temperature:	Not determined
Autoignition temperature:	Not determined
Density @ 15.5 ° C (g/cc) :	1.291 @72F
ulk density @ 60 ° F (lb/gal):	10.77
Partition coefficient (n-octanol/water, log Pow):	Not determined

Explosive properties:

- upper explosion limit:	No data available
- lower explosion limit:	No data available

10. STABILITY AND REACTIVITY

Conditions to avoid:

None known

Materials to avoid:

Alkali metals, Strong oxidising agents

Hazardous decomposition products:

Oxides of phosphorus, Carbon oxides

Stability:

Stable under recommended storage conditions.

Polymerization:

Not applicable

11. TOXICOLOGICAL INFORMATION

Oxalic acid has been shown to cause delayed kidney and heart damage. Ingestion may cause systemic poisoning.

No toxicological information is available on the product. Data obtained on components are summarized below.

Components	NTP:	IARC:	OSHA - Select Carcinogens	NIOSH - Selected LD50s and LC50s
Phosphoric acid	This product does not contain any material shown to be a carcinogen by the National Toxicology Program (NTP).	This product does not contain any material shown to be a carcinogen by the International Agency for Research on Cancer (IARC).	This product does not contain any material shown to be a carcinogen by OSHA.	1530mg/kgOral LD50Rat 2740mg/kgDermal LD50Rabbit 850mg/m³Inhalation LC50Rat
Oxalic acid	This product does not contain any material shown to be a carcinogen by the National Toxicology Program (NTP).	This product does not contain any material shown to be a carcinogen by the International Agency for Research on Cancer (IARC).	This product does not contain any material shown to be a carcinogen by OSHA.	7500mg/kgOral LD50Rat

12. ECOLOGICAL INFORMATION

Persistence and degradability:	No information available
Mobility:	No data available
Bioaccumulation:	No data available
Ecotoxicity effects:	No data available
Aquatic toxicity:	Not Determined

13. DISPOSAL CONSIDERATIONS

Waste from residues/unused products:	Waste disposal must be in accordance with appropriate Federal, State, and local regulations. This product, if unaltered by use, may be disposed of by treatment at a permitted facility or as advised by your local hazardous waste regulatory authority.
Contaminated packaging:	Do not re-use empty containers
Methods for cleaning up:	Take up mechanically and collect in suitable container for disposal.

14. TRANSPORT INFORMATION

U. S. DEPARTMENT OF TRANSPORTATION:

Proper shipping name:	Corrosive liquid, N.O.S. (contains phosphoric acid)
D.O.T. Hazard Class(es)	8
Subsidiary risk:	
UN/NA ID Number:	1760
Packing group:	III
RQ:	Phosphoric acid, RQ kg= 5670
Emergency Response Guide Number:	154
DOT Label(s):	

TDG (CANADA):

Proper shipping name:	Corrosive liquid, N.O.S. (contains phosphoric acid)
TDG Hazard Classification:	8
Subsidary class(s):	
UN Number:	1760
Packaging group:	III

IMDG/IMO:

Proper shipping name:	Corrosive liquid, N.O.S. (contains phosphoric acid)
Class:	8
Subsidary:	
UN Number:	1760
Packaging group:	III
EMS:	

IATA/ICAO:

Proper shipping name:	Corrosive liquid, N.O.S. (contains phosphoric acid)

IATA - Hazard Classifications	8
Subsidary class(s):	
UN Number:	1760
Packaging group:	III

15. REGULATORY INFORMATION

CLASSIFICATION AND LABELING

OSHA Hazard Communication Standard: This product is considered to be hazardous.

Canada - WHMIS Classification Information: This product has been classified according to the hazard criteria of the CPR and the MSDS contains all the information required by the CPR.

Product Classification Graphic(s):

Component Classification Data:

Phosphoric acid - 7664-38-2

WHMIS hazard class: 1 % (English Item 1291, French Item 127)
E

Oxalic acid - 144-62-7

WHMIS hazard class: D1B; E

U.S. REGULATIONS:

SARA (311, 312) hazard class: This product possesses the following SARA Hazard Categories:

Immediate Health (Acute):	Yes
Delayed Health (Chronic):	Yes
Flammability:	No
Pressure:	No
Reactivity:	No

Phosphoric acid - 7664-38-2

CERCLA/SARA 313 Emission reporting	Listed
RCRA Status	To be disposed of as hazardous waste characteristic: corrosive D002

STATE REGULATIONS (RTK):

›sphoric acid - 7664-38-2

MARTK:	Present
NJRTK:	sn 1516
PARTK:	environmental hazard

Oxalic acid - 144-62-7

MARTK:	Present
NJRTK:	sn 1445
PARTK:	[present]

INVENTORY STATUS:

United States TSCA - Sect. 8(b) Inventory:	This product complies with TSCA
Canada DSL Inventory List -	This product complies with DSL
Canada NDSL Inventory List -	NDSL compliance has not been determined
EU EINECS/ELINCS/NLP list:	Compliance has not been determined

16. OTHER INFORMATION

Sources of key data used to compile the datasheet:	Material safety data sheets of the ingredients.
Reason for revision:	New Format
Prepared by:	Quaker Chemical Corporation -Safety, Health and Environmental Affairs Group - US

HMIS classification:	**NFPA rating:**
Health: 3*	**Health:** 3
Flammability: 0	**Flammability:** 0
Reactivity: 1	**Reactivity:** 1
Personal Protection: H	**Special:** NA

* Indicates possible chronic heath effect

Personal protection recommendations should be reviewed by purchasers. Workplace conditions are important factors in specifying adequate protection.

Disclaimer:

This product's safety information is provided to assist our customers in assessing compliance with safety/health/environmental regulations. The information contained herein is based on data available to us and is believed to be accurate. However, no warranty of merchantability, fitness for any use, or any other warranty is expressed or implied regarding the accuracy of this data, the results to be obtained from the use thereof, or the hazards connected with the use of the product. Since the use of this product is within the exclusive control of the user, it is the user's obligation to determine the conditions for safe use of the product. Such conditions should comply with all regulations concerning the product. Quaker Chemical Corporation ("Quaker") assumes no liability for any injury or damage, direct or consequential, resulting from the use of this product unless such injury or damage is attributable to the gross negligence of Quaker.

End of Safety Data Sheet

Quaker Chemical Corporation

Together
we simply sharpen
your competitive edge

PRODUCT DATA

ACID CLEAN 508 GE

LIQUID CLEANER AND DERUSTER

DESCRIPTION

Acid Clean 508-GE is a liquid, strongly acidic cleaner designed to remove rust, oxides, scale, sludge, and stains from steel surfaces, particularly for the removal of scale or sludge that builds up inside pipes and alkaline cleaning process stages.

FEATURES AND BENEFITS

1) Economical - Highly concentrated product permits low operating concentrations.

2) Controlled Foam - May be used in spray washers in temperatures above 100°F.

3) Excellent Rinsability - Formulated detergent system provides excellent rinsing properties under various water conditions.

USE INFORMATION

Heavy-Duty Soak Tank Operations:

Concentration:	10-20% by Volume
Temperature:	Ambient to 120°F

Light to Medium-Duty Spray Applications:

Concentration:	1-10% by Volume
Temperature:	100 to 120°F

Water rinsing is recommended for all operations, preferably a minimum of two water rinses. Measurement of the final pH of the rinse water will provide an indication of how well the **Acid Clean 508** GE has been removed from the system (recommended final water rinse pH: minimum of 6.5)

TYPICAL PROPERTIES/DATA

Appearance	Clear yellow liquid
Specific Gravity (Pounds per Gallon)	10.8 @ 60°F
Total Acidity as % H_3PO_4	40-44%.

Quaker Chemical Corporation

Together
we simply sharpen
your competitive edge

ACID CLEAN 508 GE

CONCENTRATION CONTROL DATA

An Alkalinity Titration to determine the concentration of **Acid Clean 508-GE**. The titratic follows:

(1) Pipette a 25 ml. sample of the cleaning bath into a flask.

(2) Add a few drops of Phenolphthalein indicator. Bath solution should remain appearance. If the bath solution turns purple, discontinue titration as the sa contain any **Acid Clean 508-GE**

(3) Titrate the bath with 0.5 N Sodium Hydroxide solution until the bath sample color that remains for 30 seconds.

(4) Calculate the % v/v of **Acid Clean 508 GE** that is present in the sample as f

% **Acid Clean 508 GE** (v/v) = (0.2) x (mls. of 0.5 N Sodium Hy

Note (1): Consult your Quaker Process Engineer if a concentration other than 0.5N of S is used to perform the titration.

Note (2): An alternate procedure using a Brik's Refractometer is also available. The Re Reading is multiplied by 2.59 to give the concentration of **Acid Clean 508 GE** (%v/v)

MATERIAL SAFETY DATA

Prior to using this product, please consult the Material Safety Data Sheet for instructions handling.

PRODUCT DATA

The information contained herein is based on data available to us and is believed to be accurate. HOWEVER, NO WARRANTY OF MERCHANTABILITY, FITNESS FOR ANY USE, OR OTHER WARRANTY IS EXPRESSED OR TO BE IMPLIED, REGARDING THE ACCURACY OF THESE DATA, THE RESULTS TO BE OBTAINED FROM THE USE THEREOF, OR THE HAZARDS CONNECTED WITH THE USE OF THE PRODUCT. Quaker chemical corporation assumes no liability for any alleged ineffectiveness of the product or any injury or damage, direct or consequential, resulting from the use of this product unless such injury or damage is solely attributable to negligence on the part of Quaker Chemical Corporation.

DYNECOL
MID 074259565

DYNECOL, INC.
6520 GEORGIA STREET
DETROIT, MICHIGAN 48211
PHONE: (313) 571-7147
FAX: (313) 571-7190

Recertification: Y (N)

Approval # 5444

WASTE APPROVAL FORM

Code 1429

I GENERAL INFORMATION

Customer: Houghton Fluidcare	Generator: Double Eagle Steel Coating Co.
Address: 3158 South Co. Road 460 E	Address: 3000 Miller Rd.
City: Lafayette	City: Dearborn
State: IN Zip Code: 47905	State: MI Zip Code: 48120
Contact: Joe O'Malley	Contact: Bob Zarb
Phone #: Fax:	Phone #: 313-203-9829 Fax: 313-203-9805
24 hour phone #:	EPA ID#: MID 981 092 190

II WASTE DESCRIPTION

Waste Common Name: Acid Clean & Scale

Specific Process Generating the Waste: Cleaning of pipes and equipment to remove iron oxides and dirt. The piping and equipment are used to clean (scrub) steel prior to (cont.)

WASTE COMPOSITION (must equal 100%):	ACTUAL %	MIN.	MAX.
Water	90	85	95
phosphoric acid	6	5	15
oxalic acid	<1	1	3
iron oxides	3	1	5

CIRCLE YES (Y) OR NO (N) TO THE FOLLOWING CHARACTERISTICS OR CONTAMINANTS:

Carcinogen Y (N) Oxidizer Y (N) Organics (Y) N Explosives Y (N) Phenols Y (N) Hexavalent Chromium Y (N)
Radioactives Y (N) Poison Y (N) PCBs Y (N) Pesticides Y (N)

As defined in 40 CFR 268: (✓) Non-wastewater ( ) Wastewater LIQUID SOLID SLURRY

Sample submitted to Dynecol: (Y) N Color: yellow-brown

III RCRA/ACT 64 WASTE CHARACTERIZATION

This is a **hazardous** waste as defined by either Michigan Act 451 or EPA 40 CFR 261: Yes ✓ No

If yes, list all waste codes: D002

This is a **non-hazardous** waste as defined by Michigan Act 451: Yes No ✓

If yes, list all waste codes:

This waste contains a toxicity characteristic of 40 CFR 261.24 identified as waste codes D018 through D043:

Yes No ✓* Unknown

If yes, list all waste codes:

* If based on generator kn

IV. SHIPPING INFORMATION

W Volume: 2000 UNIT: (circle one) GALLONS POUNDS DRUMS OTHER

Shipment Frequency: (circle one) WEEK MONTH QUARTER YEAR ONE TIME ONLY

DOT Proper Shipping Name per 49 CFR 172.101:

RQ, Waste Corrosive Liquid, acidic, organic, N.O.S. (phosphoric acid, oxalic acid)

DOT Hazard Class: 8 UN/NA Number: 3264 Packing Group: I II III None

V COMMENTS

electrogalvanizing operations. (Zinc plating on carbon steel). Equipment and piping and cleaned using a 10% solution of Acid Clean 508 GE

VI GENERATOR CERTIFICATION

I certify under penalty of law that I personally have examined and am familiar with the waste through analysis and testing or through knowledge of the waste, and I believe that the information I submitted is true, accurate and complete.

ROBERT ZARB

Generator Name (Please print or type)

02 / 11 / 2005

Date

Generator Signature

WASTE WATER MANAGER

Title

VII WASTE ANALYSIS

MINIMUM ANALYTICAL REQUIREMENTS FOR HAZARDOUS WASTES ARE (All Methods per SW846):

- Flash, pH, and Reactives (Detection limit of 20ppm for Cyanide and Sulfide)
- PCBs, %HOCs (Method 9020), (Nickel and Thallium as necessary)
- TCLP metals: Arsenic, Barium, Cadmium, Chromium, Lead, Mercury, Selenium, Silver
- Michigan metals: Copper and Zinc (as necessary)

(The above items may be restricted from land disposal.)

LABORATORY ANALYSIS IS ATTACHED FOR THE ABOVE ITEMS:

Yes____ No____ Complete____ Partial____* MSDS____

* ____ Authorization for Dynecol to perform analysis as necessary

Purchase Order #____

VIII DYNECOL USE ONLY

Approval #: 5444

Treatment Facility: CMF: ____

Approved by: M. Rund Date: 2/28/05

Expiration date: 2/28/06

DYNECOL
MID 074259565

DYNECOL, INC.
(313) 571-7161

CERTIFICATION FORM
(Submit with waste approval package)

UNDERLYING CONSTITUENTS/VOLATILE ORGANIC COMPOUNDS (VOC)

APPROVAL NUMBER: 5444 **EPA ID NUMBER:** MID981092190

GENERATOR NAME: Double Eagle Steel Coating Co.

EPA HAZARDOUS WASTE NUMBERS: D002

MANIFEST NUMBER (IF APPLICABLE): _____

PLEASE PLACE A CHECK MARK IN THE APPROPRIATE BOX:

- [ ] THIS WASTE IS NOT PROHIBITED FROM LAND DISPOSAL. (NOTE – ADDITIONAL CERTIFICATIONS MAY BE REQUIRED)
- [x] THIS WASTE IS PROHIBITED FROM LAND DISPOSAL.
- [ ] THE WASTE DOES NOT CONTAIN UNDERLYING HAZARDOUS CONSTITUENTS LISTED IN 40 CFR 268.48 TABLE UTS-UNIVERSAL TREATMENT STANDARDS (EXCLUDING FLUORIDE, VANADIUM AND/OR ZINC).
- [x] THE WASTE DOES CONTAIN UNDERLYING HAZARDOUS CONSTITUENTS LISTED IN 40 CFR 268.48 TABLE UTS-UNIVERSAL TREATMENT STANDARDS (EXCLUDING FLUORIDE, VANADIUM AND/OR ZINC).
- [x] THE WASTE DOES NOT CONTAIN VOLATILE ORGANIC COMPOUNDS GREATER THAN 500 PPM.
- [ ] THE WASTE DOES CONTAIN VOLATILE ORGANIC COMPOUNDS GREATER THAN 500 PPM.

NOTE: ADDITIONAL INFORMATION AS REQUIRED PER 40 CFR 268.7 GENERAL PAPERWORK REQUIREMENTS TABLE CAN BE FOUND IN THE ATTACHED DYNECOL WASTE APPROVAL FORM.

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE WASTE THROUGH ANALYSIS AND TESTING OR THROUGH KNOWLEDGE OF THE WASTE, AND BELIEVE THAT THE INFORMATION I SUBMITTED IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING A FALSE CERTIFICATION, INCLUDING A POSSIBILITY OF A FINE AND/OR IMPRISONMENT.

AUTHORIZED SIGNATURE	PRINTED NAME	DATE
Robert Zarb	ROBERT ZARB	2/11/05

Received Time Feb. 10. 4:19PM

DYNECOL
MID 074259565

DYNECOL, IN
6520 GEORGIA STREI
DETROIT, MICHIGAN 482
PHONE: (313) 571-71-
FAX: (313) 571-71

Recertification: Y (N)

Approval # 5140

WASTE APPROVAL FORM

Code 51

I GENERAL INFORMATION

Customer:	Double Eagle Steel	Generator:	SAME
Address:	3000 Miller Rd	Address:	
City:	Dearborn	City:	
State:	Mi Zip Code: 48120	State:	Zip Code:
Contact:	Mark Dornick	Contact:	
Phone #:	313-203-9829 Fax: 313-203-9705	Phone #:	Fax:
24 hour phone #:		EPA ID#:	MID 981092190

II WASTE DESCRIPTION

Waste Common Name: Sulfuric Acid Rinse

Specific Process Generating the Waste: Clean out of virgin Sulfuric Acid Tank

WASTE COMPOSITION (must equal 100%):

	ACTUAL %	MIN.	MAX.
Sulfuric Acid	3	1	5
Water	97	BALANCE	

CIRCLE YES (Y) OR NO (N) TO THE FOLLOWING CHARACTERISTICS OR CONTAMINANTS

Carcinogen Y (N) Oxidizer Y (N) Organics Y (N) Explosives Y (N) Phenols Y (N) Hexavalent Chromium Y (N)
Radioactives Y (N) Poison Y (N) PCBs Y (N) Pesticides Y (N)

As defined in 40 CFR 268: ( ) Non-wastewater (✓) Wastewater (LIQUID) SOLID SLURRY

Sample submitted to Dynecol: (Y) N Color: Gray/Clear

III RCRA/ACT 64 WASTE CHARACTERIZATION

This is a **hazardous** waste as defined by either Michigan Act 451 or EPA 40 CFR 261: Yes ✓ No

If yes, list all waste codes: D002

This is a **non-hazardous** waste as defined by Michigan Act 451: Yes No ✓

If yes, list all waste codes:

This waste contains a toxicity characteristic of 40 CFR 261.24 identified as waste codes D018 through D043:
Yes No ✓* Unknown

If yes, list all waste codes:

* If based on generator knowledge, please read and understand certification in Section VI

IV SHIPPING INFORMATION

Waste Volume: _____ UNIT: (circle one) GALLONS POUNDS DRUMS OTHER _____

Shipment Frequency: (circle one) WEEK MONTH QUARTER YEAR ONE TIME ONLY

DOT Proper Shipping Name per 49 CFR 172.101:
RQ Waste Sulfuric Acid

DOT Hazard Class: 8 UN/NA Number: UN 2796 Packing Group: I II III None

V COMMENTS

Less than 51% acid

VI GENERATOR CERTIFICATION

I certify under penalty of law that I personally have examined and am familiar with the waste through analysis and testing or through knowledge of the waste, and I believe that the information I submitted is true, accurate and complete.

X Mark Gornick
Generator Name (Please print or type)

X 6 / 4 / 03
Date

X Mark Gornick
Generator Signature

X Env. Eng
Title

VII WASTE ANALYSIS

MINIMUM ANALYTICAL REQUIREMENTS FOR HAZARDOUS WASTES ARE (All Methods per SW846):

- Flash, pH, and Reactives (Detection limit of 20ppm for Cyanide and Sulfide)
- PCBs, %HOCl (Method 9020), (Nickel and Thallium as necessary)
- TCLP metals: Arsenic, Barium, Cadmium, Chromium, Lead, Mercury, Selenium, Silver
- Michigan metals: Copper and Zinc (as necessary)

(The above items may be restricted from land disposal.)

LABORATORY ANALYSIS IS ATTACHED FOR THE ABOVE ITEMS:

Yes_____ No_____ Complete_____ Partial_____* MSDS_____

* _____ Authorization for Dynecol to perform analysis as necessary

Purchase Order # _____

VIII DYNECOL USE ONLY

Approval #: 546

Treatment Facility: VMS CMF: _____

Approved by: M. Dunnell

Expiration date: _____ Date: 6/6/03

DYNECOL
MID 074259565

DYNECOL, INC
(313) 571-7141

CERTIFICATION FORM

(Submit with waste approval package)

UNDERLYING CONSTITUENTS/VOLATILE ORGANIC COMPOUNDS (VOC)

APPROVAL NUMBER: 5140 **EPA ID NUMBER:** MID 981092190

GENERATOR NAME: Double Eagle

EPA HAZARDOUS WASTE NUMBERS: D002

MANIFEST NUMBER (IF APPLICABLE): _____

PLEASE PLACE A CHECK MARK IN THE APPROPRIATE BOX:

- [ ] THIS WASTE IS NOT PROHIBITED FROM LAND DISPOSAL. (NOTE – ADDITIONAL CERTIFICATIONS MAY BE REQUIRED)
- [x] THIS WASTE IS PROHIBITED FROM LAND DISPOSAL.
- [x] THE WASTE DOES NOT CONTAIN UNDERLYING HAZARDOUS CONSTITUENTS LISTED IN 40 CFR 261.48 TABLE UTS-UNIVERSAL TREATMENT STANDARDS (EXCLUDING FLUORIDE, VANADIUM AND/OR ZINC).
- [ ] THE WASTE DOES CONTAIN UNDERLYING HAZARDOUS CONSTITUENTS LISTED IN 40 CFR 268.48 TABLE UTS-UNIVERSAL TREATMENT STANDARDS (EXCLUDING FLUORIDE, VANADIUM AND/OR ZINC).
- [x] THE WASTE DOES NOT CONTAIN VOLATILE ORGANIC COMPOUNDS GREATER THAN 500 PPM.
- [ ] THE WASTE DOES CONTAIN VOLATILE ORGANIC COMPOUNDS GREATER THAN 500 PPM.

NOTE: ADDITIONAL INFORMATION AS REQUIRED PER 40 CFR 261.7 GENERAL PAPERWORK REQUIREMENTS TABLE CAN BE FOUND IN THE ATTACHED DYNECOL WASTE APPROVAL FORM.

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE WASTE THROUGH ANALYSIS AND TESTING OR THROUGH KNOWLEDGE OF THE WASTE, AND BELIEVE THAT THE INFORMATION I SUBMITTED IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING A FALSE CERTIFICATION, INCLUDING A POSSIBILITY OF A FINE AND/OR IMPRISONMENT.

X Mark Dorf	X Mark Gorrah	X 6/4/03
AUTHORIZED SIGNATURE	PRINTED NAME	DATE

PVS CHEMICALS, Inc.
11001 HARPER • DETROIT, MICHIGAN 48213
PHONE: (313) 921-1200

Sulfuric Acid

MATERIAL SAFETY DATA SHEET

MSDS # 1830

*In case of **SPILL** or **TRANSPORTATION EMERGENCY**, day or night, call **CHEMTREC** 1-800-424-9300*
*For **Emergency Medical Assistance**, contact local Poison Control Center or Physician or **CHEMTREC** 1-800-424-9300*

PRODUCT INFORMATION:

Product Name	Sulfuric Acid
Chemical Name and Synonyms	Sulfuric Acid, Oil of Vitriol
Chemical Family	Inorganic Acid
Chemical Formula	H_2SO_4
CAS Registry Number	7664-93-9
DOT Proper Shipping Name	Sulfuric Acid
DOT Hazard Class	Corrosive Material
DOT ID Number	UN 1830
US Clean Water Act RQ	RQ - 1000 lbs. (454 kg.)

MANUFACTURER / DISTRIBUTOR:

PVS-Nolwood Chemicals, Inc.
8970 Hubbell Detroit, MI 48228 (313) 272-0992

HAZARDOUS INGREDIENTS:

Component	CAS No.	% by Wt.	Exposure Limits ACGIH TLV / TWA	OSHA PEL
Sulfuric Acid*	7664-93-9	75-100%	1 mg/m³	

*Regulated as a Toxic Chemical under Section 313 of Title III / SARA, and 40 CFR part 372

NON-HAZARDOUS INGREDIENTS:

Water	7732-18-5	1-25%

PERSONAL PROTECTION AND EXPOSURE CONTROL:

Ventilation	Provide ventilation to control exposure levels below airborne exposure limits. Use local exhaust ventilation. Reference NFPA Standard 91 for design of exhaust systems.
Respiratory	Use NIOSH / MSHA approved, full-face respirator with canister approved for sulfuric acid vapor and mist. Consult respirator manufacturer to determine appropriate equipment. If concentrations are high or unknown, use self-contained breathing apparatus.
Eye Protection	Wear splashproof chemical safety goggles. Eyewash fountains recommended in all storage and handling areas. Do not wear contact lenses.
Skin Protection	Wear impervious rubber gloves and protective clothing to prevent skin contact. Full face shield and rubber footwear should be used. Acid-resistant hood and full body suit recommended. Safety shower recommended in all storage and handling areas.

SARA / TITLE III HAZARD CATEGORIES AND LISTS:

PRODUCT HAZARD CATEGORIES:

Chronic (Delayed) Health Hazard	Yes	
Acute (Immediate) Health Hazard	Yes	
Fire Hazard	No	
Pressure Hazard	No	
Reactivity Hazard	Yes	
LISTS:		
Extremely Hazardous Substance (40 CFR 355, SARA section 302)	Yes	RQ = 1000 lbs. TPQ = 1000 lbs.
CERCLA Hazardous Substance (40 CFR 302.4)	Yes	
Toxic Chemical (40 CFR 372.65, SARA section 313)	Yes	

NPCA - HMIS RATINGS:

Health	3	Flammability	0
Reactivity	2	Personal Protection	-

Date of Latest Revision - August 1, 1989

ADDITIONAL PRODUCT AND SAFETY INFORMATION:

PVS Chemicals, Inc.	Detroit, MI	(313) 921-1200
PVS Chemicals, Inc. (Illinois)	Chicago, IL	(312) 933-8800
PVS Chemicals, Inc. (New York)	Buffalo, NY	(716) 825-5762
PVS Chemicals, Inc. (Ohio)	Copley, OH	(216) 666-0888
PVS Nolwood Chemicals, Inc.	Detroit, MI	(313) 272-0992
PVS Chemicals, Inc. (Michigan)	Wyandotte, MI	(313) 246-9840
Tulsa Chemical Co.	Terrell, TX	(214) 563-3301

THE ABOVE INFORMATION IS ACCURATE TO THE BEST OF OUR KNOWLEDGE. HOWEVER, SINCE DATA, SAFETY STANDARDS, AND GOVERNMENT REGULATIONS ARE SUBJECT TO CHANGE AND THE CONDITIONS OF HANDLING AND USE, OR MISUSE ARE BEYOND OUR CONTROL, PVS CHEMICALS, INC. AND SUBSIDIARIES MAKES NO WARRANTY, EITHER EXPRESS OR IMPLIED, WITH RESPECT TO THE COMPLETENESS OR CONTINUING ACCURACY OF THE INFORMATION CONTAINED HEREIN AND DISCLAIMS ALL LIABILITY FOR RELIANCE THEREON. USER SHOULD SATISFY HIMSELF THAT HE HAS ALL CURRENT DATA RELEVANT TO HIS PARTICULAR USE.

HEALTH HAZARD INFORMATION:

DANGER - CORROSIVE. CAUSES SEVERE BURNS TO EYES AND SKIN ON CONTACT. VAPOR EXTREMELY IRRITATING TO RESPIRATORY TRACT.
*Call **Poison Control Center** or Physician immediately.*

Routes of Entry:	Inhalation, Ingestion, Direct Contact
Toxicity	Animal Data, Sulfuric Acid: Oral LD_{50}, rat: 2140 mg/kg Skin and eye irritation (rabbit): (FHSA) Corrosive Inhalation 1 hour LC_{50}, rat: 347 ppm
Carcinogenicity	Animal testing indicates that sulfuric acid does not have the potential to produce carcinogenic, mutagenic, embryotoxic, or reproductive effects.

FIRST AID MEASURES:

Eyes	Flush immediately with water for at least 15 minutes. Forcibly hold eyelids apart to ensure complete irrigation of eye/lid tissue. Get immediate medical attention.
Skin	Wipe off excess. Flush immediately with water for at least 15 minutes while removing contaminated clothing. Get immediate medical attention. Wash clothing before re-use. Destroy contaminated shoes.
Ingestion	Drink copious amounts of water or milk. Do not induce vomiting. Get immediate medical attention.
Inhalation	Remove to fresh air. If not breathing, perform artificial respiration. Get medical attention.
Effects of Overexposure/ Medical Conditions Aggravated	Contact with liquid, mist, or vapor can cause immediate irritation or corrosive burns to all human tissue. Severity of the burn is generally determined by the concentration of the solution and duration of exposure. Contact with eyes may result in permanent visual loss unless removed quickly by thorough irrigation with water. Swallowing may be fatal. Inhalation of concentrated vapor or mist may damage respiratory tract. Repeated skin contact with dilute solutions may cause dermatitis. May cause dental erosion.

PHYSICAL DATA:

Appearance/odor	Clear to slightly cloudy, oily liquid; Odorless to slightly pungent.
Solubility in water	Completely miscible.
Evaporation Rate	Less than 1 (Butyl Acetate = 1)

Weight, % H_2SO_4:	77.7	93.2%	96.0%	98.0%	99.0%
Degrees Baume'	60.0	66.0			
Spec. Gravity @60/60F	1.706	1.835	1.843	1.844	1.842
Freezing Pt, °F	11.5	-21.0	7.0	30.0	40.0
Boiling Pt, °F	379.5	535.0	586.0	621.0	590.0
Weight, lbs./gallon	14.21	15.29	15.37	15.37	15.36

HAZARDOUS REACTIVITY DATA:

Conditions to Avoid	Material is stable when properly handled. Highly reactive with materials such as metals, metal oxides, hydroxides, nitrates, amines, carbonates and other alkaline materials. Reactions can generate a great deal of heat as does the dilution of acid with water. Concentrated acid is a strong oxidizing agent. May cause ignition of combustible materials on contact with generation of sulfur dioxide fumes. Avoid open flames or sparks.
Polymerization	Does not occur.
Hazardous Decomposition Products	Explosive hydrogen gas is generated by the action of acid on most metals and may accumulate in metal containers.

FIRE AND EXPLOSION HAZARDS:

Flash Point	Not flammable. May ignite combustible materials.
Fire Fighting/ Personal Protection	Wear self-contained breathing apparatus and full protective clothing. Cool exterior of storage tanks.
Extinguishing Media	Use dry chemical or CO_2 base fire extinguishers to fight surrounding fires. Do not use water on acid itself. Apply from farthest possible distance.
Unusual Explosion Hazards	Violent reaction with water. Evolution of explosive hydrogen gas on contact with most metals. Will react with organic material with evolution of heat and dense white fumes.

HANDLING AND STORAGE PRECAUTIONS:

- Protect container from physical damage.
- Do not add water to concentrated acid.
- Keep container closed and protect from contact with water.
- When diluting, slowly add acid to water while stirring, to avoid spattering, boiling, and eruption.
- Do not strike containers or fittings with tools.
- Wash thoroughly after handling.
- Store away from sources of ignition.
- Emptied container will retain vapor and product residue.

ENVIRONMENTAL PROTECTION:

Spill or Leak Control	Utilize full protective clothing, including boots and protective equipment. Contain spill in order to prevent contamination of sewage system or waterway. Pump into marked containers for reclamation or disposal. If possible, neutralize on a dry basis with suitable alkali such as lime or soda ash; then flush with water in accordance with applicable regulations. Spills of 1000 lbs. or more **must** be reported to the *National Response Center,* **(800) 424-8802.**
Waste Disposal	Dispose of spilled, neutralized, or waste product, contaminated soil and other materials in accordance with all local, state, and federal regulations.

[redacted]

WASTE APPROVAL RECERTIFICATION FORM

Waste Approval Number: 107D35H Customer Generator Code: 51

Generator Name: Double Eagle Steel Coating Co.

Waste Common Name: Sump Waste

Original Characterization Date: 4/8/03

Original Waste Codes: D002, D007

Recertification waste codes: D002, D007

Specific Process Generating the Waste: Skimming oil from sumps used to collect galvanizing solutions. Oil is from steel coil coating.

Pursuant to the requirements outlined in Dynecol, Inc.'s Act 451 Part B Operating License, Section C-2e (iii), I hereby certify that the following waste stream has not changed from the original characterization over the past year. The process generating, composition, and waste characterization information originally profiled on the Dynecol, Inc. Waste Approval Form is accurate and complete.

I certify under penalty of law that I personally have examined and am familiar with the waste through analysis and testing or through knowledge of the waste, and I believe the information I submitted is true, accurate, and complete.

CHRISTOPHER McGEE
Generators Name (Please print or type)

2/21/06
Date

Christopher McGee
Generators Signature

ENVIRONMENTAL ENGINEER
Title

DYNECOL USE ONLY

Approved by: _____ Expiration Date: _____

RECERTIFICATION FORM.DOC REVISED 5/20/2005

WASTE APPROVAL RECERTIFICATION FORM

Waste Approval Number: 115277 / ~~115041~~ Customer Generator Code: 51

Generator Name: Double Eagle Steel Coating

Waste Common Name: Alloy Tank Skimming

Original Characterization Date: 05/07/04

Specific Process Generating the Waste:

Removal of oil and dirt from the top of the alloy plating tank. Alloy plating tank holds plating solution used for electrogalvanizing operations. Zinc plating on carbon steel.

Pursuant to the requirements outlined in Dynecol, Inc.'s Act 451 Part B Operating License, Section C-2e (iii), I hereby certify that the following waste stream has not changed from the original characterization over the past year. The process generating, composition, and waste characterization information originally profilod on the Dynecol, Inc. Waste Approval Form is accurate and complete.

I certify under penalty of law that I personally have examined and am familiar with the waste through analysis and testing or through knowledge of the waste, and I believo the information I submitted is true, accurate, and complete.

CHRISTOPHER MCBEE
DOUBLE EAGLE STEEL
Generators Name (Please print or type)

6/20/05
Date

Christopher McBee
Generators Signature

ENVIRONMENTAL ENGINEER
Title

DYNECOL USE ONLY
Approved by: S. O'Mara

Expiration Date: 6/20/2006

RECERTIFICATION FORM.DOC REVISED 5/14/2003

22345 Roethel Drive
Novi, MI 48375
248.344.1770
Fax 248.344.2654

Clayton GROUP SERVICES

April 29, 2005

Christopher McBee
DOUBLE EAGLE STEEL COATING COMPANY
3000 Miller Road
Dearborn, MI 48120-

Clayton Work Order No. 05040641

Reference:

Dear Christopher McBee:

Clayton Group Services received 8 samples on 4/14/05 for the analyses presented in the following report.

Enclosed is a copy of the Chain-of-Custody record, acknowledging receipt of these samples. Please note that any unused portion of the samples will be discarded 30 days after the date of this report, unless you have requested otherwise.

This material is confidential and is intended solely for the person to whom it is addressed. If this is received in error, please contact the number provided below.

We appreciate the opportunity to assist you. If you have any questions concerning this report, please contact a Client Services Representative at (800) 806-5887.

Sincerely,

Karen Coonan

Karen Coonan
Client Services Representative

cc:

ANALYTICAL RESULTS

Date: *29-Apr-05*

CLIENT:	DOUBLE EAGLE STEEL COATING COMPANY	**Client Sample ID:**	DE 8 ALLOY TANK SKIMMING
Work Order No:	05040641	**Tag Number:**	
Project:		**Collection Date:**	4/7/05 11:00:00 AM
Lab ID:	05040641-006B	**Matrix:**	LEACHATE

Analyses	Result	Reporting Limit	Qual	Units	DF	Date Analyzed	Analyst
ICP METALS;LEACHATE: METHOD EPA 1311/6010B							
Arsenic	ND	0.10		mg/L	1	4/21/05	CAW
Barium	0.40	0.10		mg/L	1	4/21/05	CAW
Cadmium	ND	0.050		mg/L	1	4/21/05	CAW
Chromium	1.4	0.10		mg/L	1	4/21/05	CAW
Lead	ND	0.10		mg/L	1	4/21/05	CAW
Selenium	ND	0.20		mg/L	1	4/21/05	CAW
Silver	ND	0.020		mg/L	1	4/21/05	CAW
MERCURY; LEACHED: METHOD EPA 1311/7470A							
Mercury	ND	0.0010		mg/L	1	4/21/05	CAW

Qualifiers:

ND - Not Detected at the Reporting Limit (RL).
J - Analyte detected below the Reporting Limit
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
T - Tentatively Identified Compound (TIC)

0004

DYNECOL
MID 074259565

DYNECOL, INC.
6520 GEORGIA STREET
DETROIT, MICHIGAN 48211
PHONE: (313) 571-7141
FAX: (313) 571-7190

Recertification: Y (N)

WASTE APPROVAL FORM

Approval # 115277

Code 51

I GENERAL INFORMATION

Customer: Same	Generator: Double Eagle Steel Coating
Address:	Address: 3000 Miller Rd.
City:	City: Dearborn
State: ip Code:	State: MI Zip Code: 48120
Contact:	Contact: Mark Gomick
Phone #: Fax:	Phone #: 313-343-1902 Fax: 313-749-2863
24 hour phone #:	EPA ID#: MID 981 092 190

II WASTE DESCRIPTION

Waste Common Name: Alloy Tank Skimming

Specific Process Generating the Waste: Removal of oil and dirt from the top of the alloy plating tank. Alloy plating tank holds plating soln. used for electrogalvanizing operations. Zinc plating on carbon steel.

WASTE COMPOSITION (must equal 100%): (See comments)	ACTUAL %	MIN.	MAX.
Oil/dirt	5	2	5
hydrochloric Acid	2	1	5
Iron Chloride	5	1	5
Zinc	5	1	5
Citric Acid	<.20	0.05	0.20
Water	82.8	80	85

CIRCLE YES (Y) OR NO (N) TO THE FOLLOWING CHARACTERISTICS OR CONTAMINANTS

Carcinogen Y (N) Oxidizer Y (N) Organics (Y) N Explosives Y (N) Phenols Y (N) Hexavalent Chromium Y (N)
Radioactives Y (N) Poison Y (N) PCBs Y (N) Pesticides Y (N)

As defined in 40 CFR 268: (✓) **Non-wastewater** ( ) **Wastewater** (LIQUID) **SOLID** **SLURRY**

Sample submitted to Dynecol: (Y) N Color: brown

III RCRA/ACT 64 WASTE CHARACTERIZATION

This is a **hazardous** waste as defined by either Michigan Act 451 or EPA 40 CFR 261: Yes ✓ No ____

If yes, list all waste codes: D007

This is a **non-hazardous** waste as defined by Michigan Act 451: Yes ____ No ✓

If list all waste codes:

This waste contains a toxicity characteristic of 40 CFR 261.24 identified as waste codes D018 through D043:
Yes ____ No ✓ * Unknown ____

If yes, list all waste codes: ____

* If based on generator knowledge, please read and understand certification in Section VI

IV SHIPPING INFORMATION

Waste Volume: ← UNIT: (circle one) GALLONS POUNDS (DRUMS) OTHER

Shipment Frequency: (circle one) WEEK MONTH (QUARTER) YEAR ONE TIME ONLY

DOT Proper Shipping Name per 49 CFR 171.101: RQ, Hazardous Waste Liquid, N.O.S. (Chromium)

DOT Hazard Class: 9 UN/NA Number: 3082 Packing Group: I II (III) None

V COMMENTS

Alloy plating tank approx # 5258. Some of oil & dirt is from maintenance activities at the plant. Small amounts of oil & dirt fall into the open top plating cells during day to day activities. Analysis attached from approval 5258 is representative of both the alloy plating

VI GENERATOR CERTIFICATION

I certify under penalty of law that I personally have examined and am familiar with the waste through analysis and testing or through knowledge of the waste, and I believe that the information I submitted is true, accurate and complete.

Mark Bonnet
Generator Name (Please print or type)

03 / 7 / 04
Date

Mark Bonnet
Generator Signature

Env. Eng
Title

VII WASTE ANALYSIS

MINIMUM ANALYTICAL REQUIREMENTS FOR HAZARDOUS WASTES ARE (All Methods per SW846):

- Flash, pH, and Reactives (Detection limit of 20ppm for Cyanide and Sulfide)
- PCBs, %HOCs (Method 9020), (Nickel and Thallium as necessary)
- TCLP metals: Arsenic, Barium, Cadmium, Chromium, Lead, Mercury, Selenium, Silver
- Michigan metals: Copper and Zinc (as necessary)

(The above items may be restricted from land disposal.)

LABORATORY ANALYSIS IS ATTACHED FOR THE ABOVE ITEMS:

Yes____ No____ Complete____ Partial____ MSDS____

____ Authorization for Dynecol to perform analysis as necessary

Purchase Order #____

VIII DYNECOL USE ONLY

DYNECOL
MID 074259565

DYNECOL, INC.
(313) 571-7141

CERTIFICATION FORM
(Submit with waste approval package)

UNDERLYING CONSTITUENTS/VOLATILE ORGANIC COMPOUNDS (VOC)

APPROVAL NUMBER: 115277 **EPA ID NUMBER:** MI0981092190

GENERATOR NAME: Double Eagle Steel Coating Co.

EPA HAZARDOUS WASTE NUMBERS: D001

MANIFEST NUMBER (IF APPLICABLE): _____

PLEASE PLACE A CHECK MARK IN THE APPROPRIATE BOX:

- [ ] THIS WASTE IS NOT PROHIBITED FROM LAND DISPOSAL. (NOTE – ADDITIONAL CERTIFICATIONS MAY BE REQUIRED)
- [x] THIS WASTE IS PROHIBITED FROM LAND DISPOSAL.
- [ ] THE WASTE DOES NOT CONTAIN UNDERLYING HAZARDOUS CONSTITUENTS LISTED IN 40 CFR 268.48 TABLE UTS-UNIVERSAL TREATMENT STANDARDS (EXCLUDING FLUORIDE, VANADIUM AND/OR ZINC).
- [x] THE WASTE DOES CONTAIN UNDERLYING HAZARDOUS CONSTITUENTS LISTED IN 40 CFR 268.48 TABLE UTS-UNIVERSAL TREATMENT STANDARDS (EXCLUDING FLUORIDE, VANADIUM AND/OR ZINC).
- [x] THE WASTE DOES NOT CONTAIN VOLATILE ORGANIC COMPOUNDS GREATER THAN 500 PPM.
- [ ] THE WASTE DOES CONTAIN VOLATILE ORGANIC COMPOUNDS GREATER THAN 500 PPM.

NOTE: ADDITIONAL INFORMATION AS REQUIRED PER 40 CFR 268.7 GENERAL PAPERWORK REQUIREMENTS TABLE CAN BE FOUND IN THE ATTACHED DYNECOL WASTE APPROVAL FORM.

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE WASTE THROUGH ANALYSIS AND TESTING OR THROUGH KNOWLEDGE OF THE WASTE, AND BELIEVE THAT THE INFORMATION I SUBMITTED IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING A FALSE CERTIFICATION, INCLUDING A POSSIBILITY OF A FINE AND/OR IMPRISONMENT.

AUTHORIZED SIGNATURE	PRINTED NAME	DATE
[signature]	Mark Gornick	6-3/1/04

CERTIFICATION FORM.DOC REVISED 5/98

TABLE UTS– 268.48 UNIVERSAL TREATMENT STANDARDS

ORGANIC CONSTITUENTS	WW-mg/L	NWW-mg/kg
A2213	0.042	1.4
naphthene	0.059	3.4
naphthylene	0.059	3.4
Acetone	0.28	160
Acetonitrile	5.6	38
Acetophenone	0.010	9.7
2-Acetylaminofluorene	0.059	140
Acrolein	0.29	NA
Acrylamide	19	23
Acrylonitrile	0.24	84
Aldecarb sulfone	0.056	0.28
Aldrin	0.021	0.066
4-Aminobiphenyl	0.13	NA
Aniline	0.81	14
Anthracene	0.059	3.4
Aramite	0.36	NA
Barban	0.056	1.4
Bendiocarb	0.056	1.4
Bendiocarb phenol	0.056	1.4
Benomyl	0.056	1.4
alpha-BHC	0.0001	0.066
beta-BHC	0.0001	0.066
delta-BHC	0.023	0.066
gamma-BHC	0.0017	0.066
Benzal Chloride	0.055	6.0
Benz(a)anthracene	0.059	3.5
Benzene	0.14	10
Benzo(b)fluoranthene	0.11	6.8
Benzo(k)fluoranthene	0.11	6.8
Benzo(g,h,I) perylene	0.0055	1.8
Benzo(a) pyrene	0.061	3.4
bis(2-Chloroethoxy) methane	0.036	7.2
bis(2-Chloroethyl) ether	0.033	6.0
bis(2-Ethylhexyl) phthalate	0.28	28
Bromodichloromethane	0.35	15
Bromoform (Tribromomethane)	0.63	15
Bromomethane (Methyl bromide)	0.11	15
4-Bromophenyl phenyl ether	0.055	15
n-Butanol (n-Butyl alcohol)	5.6	2.6
Butyl benzyl phhthalate	0.017	28
Butylate	0.042	1.4
2-sec-Butyl-4,6-dinitrophenol (Dinoseb)	0.066	2.5
Carbaryl	0.006	0.14
Carbendazim	0.056	1.4
Carbofuran	0.006	0.14
Carbofuran phenol	0.056	1.4
Carbon disulfide	3.8	4.8 mg/L
Carbon tetrachloride	0.057	6.0
Carbosulfan	0.028	1.4
Chlordane (alpha and gamma)	0.0033	0.26
p-Chloroaniline	0.46	16
Chlorobenzene	0.057	6.0
Chlorobenzilate	0.10	NA
2-Chloro-1,3-butadiene	0.057	0.28
Chlorodibromomethane	0.057	15
Chloroethane	0.27	6.0
Chloroform	0.046	6.0
oro-m-cresol	0.018	14
2-nloroethyl vinyl ether	0.062	NA
Chloromethane (Methyl Chloride)	0.19	30
2-Chloronaphthalene	0.055	5.6
2-Chlorophenol	0.044	5.7
3-Chloropropylene	0.036	30
Chrysene	0.059	3.4

ORGANIC CONSTITUENTS	WW-mg/L	NWW-mg/kg
m-Cresol	0.11	5.6
p-Cresol	0.77	5.6
o-Cresol	0.77	5.6
m-Cumenyl methylcarbamate	0.056	1.4
Cyclohexanone	0.36	75 mg/L
o,p'-DDD	0.023	0.087
p,p'-DDD	0.023	0.087
o,p'-DDE	0.031	0.087
p,p'-DDE	0.031	0.087
o,p'-DDT	0.0039	0.087
p,p'-DDT	0.0039	0.087
Dibenz(a,h)anthracene	0.055	8.2
Dibenzo(a,e)pyrene	0.061	NA
1,2-Dibromo-3-chloropropane	0.11	15
1,2-Dibromoethane(Ethylene dibromide)	0.028	15
Dibromoethane	0.11	15
m-Dichlorobenzene	0.036	6.0
o-Dichlorobenzene	0.088	6.0
p-Dichlorobenzene	0.09	6.0
Dichlorodifluoromethane	0.23	7.2
1,1-Dichloroethane	0.059	6.0
1,2-Dichloroethane	0.21	6.0
1,1-Dichloroethylene	0.025	6.0
trans-1,2-Dichloroethylene	0.054	30
2,4-Dichlorophenol	0.044	14
2,6-Dichlorophenol	0.044	14
2,4-D	0.72	10
1,2-Dichloropropane	0.85	18
cis-1,3-Dichlorpropylene	0.036	18
trans-1,3-Dichchloropropylene	0.036	18
Dieldrin	0.017	0.13
Diethyl phthalate	0.20	28
Diethylene glycol, dicarbamate	0.056	1.4
p-Dimethylaminoazobenzen	0.13	NA
2,4-Dimethylphenol	0.036	14
Dimethyl phthalate	0.047	28
Dimetilan	0.056	1.4
Di-n-butyl phthalate	0.057	28
1,4-Dinitrobenzene	0.32	2.3
4,6-Dinitro-o-cresol	0.28	160
2,4-Dinitrophenol	0.12	160
2,4-Dinitrotoluene	0.32	140
2,6-Dinitrotoluene	0.55	28
Di-n-octyl phthalate	0.017	28
Di-n-propylnitrosamine	0.40	14
1,4-Dioxane	12.0	170
Diphenylamine	0.92	13
Diphenylnitrosamine	0.92	13
1,2-Diphenyl hydrazine	0.087	NA
Disulfoton	0.017	6.2
Dithiocarbamates (total)	0.028	28
Endosulfan I	0.023	0.066
Endosulfan II	0.029	0.13
Endosulfan sulfate	0.029	0.13
Endrin	0.0028	0.13
Endrin aldehyde	0.025	0.13
EPTC	0.042	1.4
Ethyl acetate	0.34	33
Ethyl benzene	0.057	10
Ethyl cyanide (Propanenitrile)	0.24	360
Ethyl ether	0.12	160
Ethyl methacrylate	0.14	160
Ethylene oxide	0.12	NA
Famphur	0.017	15

ORGANIC CONSTITUENTS	WW-mg/L	NWW-mg/kg
Fluoranthene	0.068	3.4
Fluorene	0.059	3.4
Formetanate hydrochloride	0.056	1.4
Formparanate	0.056	1.4
Heptachlor	0.0012	0.066
Heptachlor epoxide	0.016	0.0066
Hexachlorobenezene	0.055	10
Hexachlorobutadiene	0.055	5.6
Hexachlorocyclopentadiene	0.057	2.4
hexachlorodibenzo-furans	0.000063	0.001
Hexachlorodibenzo-p-dioxins	0.000063	0.001
Hexachloroethane	0.055	30
Hexachloropropylene	0.035	30
Indeno(1,2,3-c,d) pyrene	0.0055	3.4
Iodomethane	0.19	65
Isobutanol	5.6	170
Isodrin	0.021	0.066
Isolan	0.056	1.4
Isosafrole	0.081	2.6
Kepone	0.0011	0.13
Methacrylonitrile	0.24	84
Methanol	5.6	.75 mg/L
Methapyrilene	0.081	1.5
Methiocarb	0.056	1.4
Methomyl	0.028	0.14
Methoxychlor	0.25	0.18
3-Methylchoanthrene	0.0055	15
4,4-Methylene bis(2-chloraniline)	0.50	30
Methylene chloride	0.089	30
Methyl ethyl ketone	0.28	36
Methyl isobutyl ketone	0.14	33
Methyl methacrylate	0.14	160
Methyl methansulfonate	0.018	NA
Methyl parathion	0.014	4.6
Metolcarb	0.056	1.4
Mexacarbate	0.056	1.4
Molinate	0.042	1.4
2-Naphthylamine	0.52	NA
Naphthalene	0.059	5.6
o-Nitroaniline	0.27	14
p-Nitrolaniline	0.028	28
Nitrobenezene	0.068	14
5-Nitro-o-toluidine	0.32	28
o-Nitrophenol	0.028	13
p-Nitrophenol	0.12	29
N-Nitroso-di-n-butylamine	0.40	17
N-Nitrosodiethylamine	0.40	28
N-Nitrosodimethylamine	0.40	2.3
N-Nitrosomethylethylamine	0.40	2.3
N-Nitrosomorpholine	0.40	2.3
N-Nitrosopiperidine	0.013	35
N-Nitrosopyrrolidine	0.013	35
Oxamyl	0.056	0.28
Parathion	0.014	4.6
Total PCB's	0.10	10
Pebulate	0.042	1.4
Pentachlorobenzene	0.055	10
Pentachlorodibenzo-p-dioxins	0.000063	0.001
Pentachlordibenzo-furans	0.000035	0.001
Pentachloroethane	0.055	6.0
Pentachloronitrobenzene	0.055	4.8
Pentachlorophenol	0.089	7.4
Phenacetin	0.081	16
Phenanthrene	0.059	5.6

ORGANIC CONSTITUENTS	WW-mg/L	NWW-mg/kg
Phenol	0.039	6.2
o-Phenylenediamine	0.056	5.6
Phorate	0.021	4.6
Phthalic acid	0.055	28
Phthalic anhydride	0.055	28
Physostigmine	0.056	1.4
Physostigmine salicylate	0.056	1.4
Promecarb	0.056	1.4
Pronamide	0.093	1.5
Propham	0.056	1.4
Propoxur	0.056	1.4
Prosulfocarb	0.042	1.4
Pyrene	0.067	8.2
Pyridine	0.014	16
Safrole	0.081	22
1,2,4,5-Tetrachlorobenzene	0.055	14
Tetrachlorodibenzo-furans	0.000063	0.001
Tetrachlorodibenzo-p-dioxins	0.000063	0.001
1,1,1,2-Tetrachloroethane	0.057	6.0
1,1,2,2-Tetrachloroethane	0.057	6.0
Tetrachloroethylene	0.056	6.0
2,3,4,6-Tetrachlorophenol	0.030	7.4
Thiodicarb	0.019	1.4
Thiophanate-methyl	0.056	1.4
Tirpate	0.056	0.28
Toluene	0.080	10
Toxaphene	0.0095	2.6
Triallate	0.042	1.4
1,2,4-Trichlorobenzene	0.055	19
1,1,1-Trichloroethane	0.054	6.0
1,1,2-Trichloroethane	0.054	6.0
Trichloroethylene	0.054	6.0
Trichlorofluoromethane	0.020	30
2,4,5-Trichlorophenol	0.018	7.4
2,4,6-Trichlorophenol	0.035	7.4
2,4,5-T	0.72	7.9
2,4,5-TP (Silvex)	0.72	7.9
1,2,3-Trichloropropane	0.85	30
1,1,2-Trichloro-1,2,2-trifluoroethane	0.057	30
Triethylamine	0.081	1.5
Tris(2,3-Dibromopropyl) phosphate	0.11	0.10
Vernolate	0.042	1.4
Vinyl chloride	0.27	6.0
Xylene-sum of mixed isomers	0.32	30
METALS AND INORGANICS	**WW-mg/L**	**NWW-mg/L**
Antimony	1.9	1.15
Arsenic	1.4	5.0
Barium	1.2	21
Beryllium	0.82	1.22
Cadmium	0.69	0.11
Chromium (Total)	2.77	0.60
Cyanide (Total)	1.2	590
Cyanide (Amenable)	0.86	30
Fluoride*	35	NA
Lead	0.69	0.75
Mercury (retort residues)	NA	0.20
Mercury (all others)	0.15	0.025
Nickel	3.98	11
Selenium	0.82	5.7
Silver	0.43	0.14
Sulfide	14	NA
Thallium	1.4	0.20
Vanadium*	4.3	1.6
Zinc*	2.61	4.3

* Fluoride, Vanadium, and Zinc are not "Underlying hazardous constituents" in characteristic wastes, according to the definition at 268.2(i).

22345 Roethel Drive
Novi, MI 48375
248.344.1770
Fax 248.344.2654

Clayton GROUP SERVICES

February 19, 2004

Mark Gornick
DOUBLE EAGLE STEEL COATING COMPANY
3000 Miller Road
Dearborn, MI 48120-

Clayton Work Order No. 04020459

Reference:

Dear Mark Gornick:

Clayton Group Services received 1 sample on 2/13/2004 for the analyses presented in the following report.

Enclosed is a copy of the Chain-of-Custody record, acknowledging receipt of these samples. Please note that any unused portion of the samples will be discarded 30 days after the date of this report, unless you have requested otherwise.

This material is confidential and is intended solely for the person to whom it is addressed. If this is received in error, please contact the number provided below.

We appreciate the opportunity to assist you. If you have any questions concerning this report, please contact a Client Services Representative at (800) 806-5887.

Sincerely,

Karen Coonan
Client Services Representative

cc:

CASE NARRATIVE

Date: *19-Feb-04*

CLIENT: DOUBLE EAGLE STEEL COATING COMPANY

Project:

Work Order No 04020459

Analytical comments:
The Clayton Novi Laboratory is NELAP and AIHA accredited. These accreditations require that we provide the following information on each report: As an analytical result progresses above the reporting limit (RL), it has less variability than a result reported at, or near, the RL.

Samples were received at the laboratory at an average temperature of 1.8°C.

ANALYTICAL RESULTS

Date: *19-Feb-04*

CLIENT: DOUBLE EAGLE STEEL COATING COMPANY
Client Sample ID: ALLOY TANK SKIMMING
Work Order No: 04020459
Tag Number:
Project:
Collection Date: 2/11/2004
Lab ID: 04020459-001B
Matrix: LEACHATE

Analyses	Result	Reporting Limit	Qual	Units	DF	Date Analyzed	Analyst
ICP METALS;LEACHATE: METHOD EPA 6010B							
Arsenic	ND	0.10		mg/L	1	2/17/2004	DH
Barium	ND	0.10		mg/L	1	2/17/2004	DH
Cadmium	0.14	0.050		mg/L	1	2/17/2004	DH
Chromium	6.9	0.10		mg/L	1	2/17/2004	DH
Lead	ND	0.10		mg/L	1	2/17/2004	DH
Selenium	ND	0.20		mg/L	1	2/17/2004	DH
Silver	ND	0.020		mg/L	1	2/17/2004	DH
MERCURY; LEACHED: METHOD EPA 7470A							
Mercury	0.0010	0.0010		mg/L	1	2/18/2004	RS

Qualifiers:

ND - Not Detected at the Reporting Limit (RL).
J - Analyte detected below the Reporting Limit
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
T - Tentatively Identified Compound (TIC)

ANALYTICAL RESULTS

Date: *19-Feb-04*

CLIENT: DOUBLE EAGLE STEEL COATING COMPANY
Client Sample ID: ALLOY TANK SKIMMING
Work Order No: 04020459
Tag Number:
Project:
Collection Date: 2/11/2004
Lab ID: 04020459-001C
Matrix: WASTE

Analyses	Result	Reporting Limit	Qual	Units	DF	Date Analyzed	Analyst
IGNITABILITY; METHOD EPA 1010							
Ignitability	>200	0		°F	1	2/16/2004	MJR
PH; METHOD EPA 150.1							
pH	4.6	1.0		pH Units	1	2/18/2004 4:42:00	KAR
REACTIVE CYANIDE, EPA SW 846 CHAPTER 7.3.3.2							
Reactive Cyanide	ND	0.10		mg/L	1	2/17/2004	MJR
REACTIVE SULFIDE; EPA SW 846 CHAPTER 7.3.4.2							
Reactive Sulfide	ND	100		mg/L	1	2/17/2004	MJR

Qualifiers:

ND - Not Detected at the Reporting Limit (RL).
J - Analyte detected below the Reporting Limit
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
T - Tentatively Identified Compound (TIC)

Clayton Group Services

Date: *19-Feb-04*

CLIENT: DOUBLE EAGLE STEEL COATING CO
Work Order: 04020459
Project:

QC SUMMARY REPORT

Method Blank

Sample ID: MB-13522 | Batch ID: 13522 | Units: mg/L | Analysis Date 2/18/2004 | Prep Date: 2/17/2004
Client ID: | Run ID: ME_CESE_040218A | SeqNo: 561116

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	ND	0.001									

Sample ID: lb | Batch ID: R47820 | Units: mg/L | Analysis Date 2/17/2004 | Prep Date:
Client ID: | Run ID: WC_MA7G_040217B | SeqNo: 560385

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Reactive Cyanide	ND	0.1									

Sample ID: lb | Batch ID: R47821 | Units: mg/L | Analysis Date 2/17/2004 | Prep Date:
Client ID: | Run ID: WC_MA7G_040217C | SeqNo: 560391

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Reactive Sulfide	ND	100									

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below Reporting Limit
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank

Clayton Group Services

Date: *19-Feb-04*

CLIENT: DOUBLE EAGLE STEEL COATING CO
Work Order: 04020459
Project:

QC SUMMARY REPORT

Laboratory Control Spike

Sample ID: LCS-13522 | Batch ID: 13522 | Units: mg/L | Analysis Date 2/18/2004 | Prep Date: 2/17/2004
Client ID: | Run ID: ME_CE6E_040218A | SeqNo: 551117

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.00161	0.001	0.002	0	80.5	71.4	126	0			

Sample ID: lcs | Batch ID: R47820 | Units: mg/L | Analysis Date 2/17/2004 | Prep Date:
Client ID: | Run ID: WC_MA7G_040217B | SeqNo: 560386

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Reactive Cyanide	2.5	0.1	100	0	2.5	0.561	15	0			

Sample ID: lcs | Batch ID: R47821 | Units: mg/L | Analysis Date 2/17/2004 | Prep Date:
Client ID: | Run ID: WC_MA7G_040217C | SeqNo: 560392

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Reactive Sulfide	24.74	100	201.8	0	12.3	10.5	97.9	0			J

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below Reporting Limit
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank

Clayton Group Services

Date: 19-Feb-04

CLIENT: DOUBLE EAGLE STEEL COATING CO
Work Order: 04020459
Project:

QC SUMMARY REPORT

Sample Matrix Spike

Sample ID: 04020364-001B-MS | Batch ID: 13519 | Units: mg/L
Client ID:
Run ID: ME_PE9I_040217C | Analysis Date 2/17/2004 | Prep Date: 2/17/2004
SeqNo: 560652

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	4.74	0.1	5	0	94.8	82.5	120	0			
Barium	4.93	0.1	5	0.392	90.8	81.1	116	0			
Cadmium	4.31	0.05	5	0	86.2	81.6	115	0			
Chromium	4.58	0.1	5	0	91.6	80.9	112	0			
Lead	4.44	0.1	5	0	88.8	80.5	113	0			
Selenium	4.79	0.2	5	0	95.8	81.3	120	0			
Silver	4.72	0.02	5	0	94.4	70.1	123	0			

MS was outside statistical limits; sample concentration was over 4 times the added MS concentration, so recovery requirement is waived (4X Rule); usability of sample results is not affected.

Sample ID: 04020364-001B-MSD | Batch ID: 13519 | Units: mg/L
Client ID:
Run ID: ME_PE9I_040217C | Analysis Date 2/17/2004 | Prep Date: 2/17/2004
SeqNo: 560653

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	4.68	0.1	5	0	93.6	82.5	120	4.74	1.27	8.61	
Barium	4.85	0.1	5	0.392	89.2	81.1	116	4.93	1.64	6.14	
Cadmium	4.21	0.05	5	0	84.2	81.6	115	4.31	2.35	5.93	
Chromium	4.5	0.1	5	0	90	80.9	112	4.58	1.76	5.53	
Lead	4.35	0.1	5	0	87	80.5	113	4.44	2.05	5.79	
Selenium	4.75	0.2	5	0	95	81.3	120	4.79	0.839	10.6	
Silver	4.5	0.02	5	0	90	70.1	123	4.72	4.77	10.2	

MS was outside statistical limits; sample concentration was over 4 times the added MS concentration, so recovery requirement is waived (4X Rule); usability of sample results is not affected.

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below Reporting Limit
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank

CLIENT: DOUBLE EAGLE STEEL COATING CO
Work Order: 04020459
Project:

QC SUMMARY REPORT

Sample Matrix Spike

Sample ID: 04020364-001b ms | Batch ID: 13622 | Units: mg/L | Analysis Date 2/18/2004 | Prep Date: 2/17/2004
Client ID: | Run ID: ME_CE5E_040218A | SeqNo: 561120

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.00226	0.001	0.002	0.00014	107	63.8	137	0			

Sample ID: 04020364-001b msd | Batch ID: 13622 | Units: mg/L | Analysis Date 2/18/2004 | Prep Date: 2/17/2004
Client ID: | Run ID: ME_CE5E_040218A | SeqNo: 561121

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.00208	0.001	0.002	0.00014	97	63.8	137	0.00226	8.17	30.7	

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below Reporting Limit
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank

Clayton

ANALYTICAL RESULTS

Date: *26-Mar-03*

CLIENT: DOUBLE EAGLE STEEL COATING COMPANY
Client Sample ID: ALLOY PLATING SOLUTION
Work Order No: 03030792
Tag Number:
Project:
Collection Date: 03/22/2003
Lab ID: 03030792-001D
Matrix: AQUEOUS

Analyses	Result	Reporting Limit	Qual	Units	DF	Date Analyzed
PCBS BY GC; METHOD EPA 8082						Analyst: JF
Aroclor 1016	ND	0.10		µg/L	1	03/25/2003
Aroclor 1221	ND	0.10		µg/L	1	03/25/2003
Aroclor 1232	ND	0.10		µg/L	1	03/25/2003
Aroclor 1242	ND	0.10		µg/L	1	03/25/2003
Aroclor 1248	ND	0.10		µg/L	1	03/25/2003
Aroclor 1254	ND	0.10		µg/L	1	03/25/2003
Aroclor 1260	ND	0.10		µg/L	1	03/25/2003

Qualifiers:

ND - Not Detected at the Reporting Limit (RL).
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* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits.
E - Value above quantitation range
T - Tentatively Identified Compound (TIC)

Clayton GROUP SERVICES

CASE NARRATIVE

Date: *26-Mar-03*

CLIENT: DOUBLE EAGLE STEEL COATING COMPANY

Project:

Work Order No 03030792

Analytical comments:
The Clayton Novi Laboratory is NELAP and AIHA accredited. These accreditations require that we provide the following information on each report: As an analytical result progresses above the reporting limit (RL), it has less variability than a result reported at, or near, the RL.

Analytical Comments for Method PH_9040, sample -002C: The pH was done on the water layer only.

Analytical Comments for Method PH_9040, sample -001C and -002c: Samples were analyzed for pH outside of the recommended EPA holding time of "immediately".

The Total Organic Carbon analysis was subcontracted to KAR Laboratories, Kalamazoo, MI.

[redacted]

WASTE APPROVAL RECERTIFICATION FORM

Waste Approval Number: 107D35H Customer Generator Code: 51

Generator Name: Double Eagle Steel Coating Co.

Waste Common Name: Sump Waste

Original Characterization Date: 4/8/03

Original Waste Codes: D002, D007

Recertification waste codes: D002, D007

Specific Process Generating the Waste:
Skimming oil from sumps used to collect galvanizing solutions. Oil is from steel coil coating.

Pursuant to the requirements outlined in Dynecol, Inc.'s Act 451 Part B Operating License, Section C-2e (iii), I hereby certify that the following waste stream has not changed from the original characterization over the past year. The process generating, composition, and waste characterization information originally profiled on the Dynecol, Inc. Waste Approval Form is accurate and complete.

I certify under penalty of law that I personally have examined and am familiar with the waste through analysis and testing or through knowledge of the waste, and I believe the information I submitted is true, accurate, and complete.

CHRISTOPHER McBee
Generators Name (Please print or type)

2/21/06
Date

Christopher McBee
Generators Signature

ENVIRONMENTAL ENGINEER
Title

DYNECOL USE ONLY

Approved by: _____ Expiration Date: _____

RECERTIFICATION FORM.DOC REVISED 5/20/2005

111499MQ

WASTE APPROVAL RECERTIFICATION FORM

Waste Approval Number: 107035H/149764 Customer Generator Code: 51

Generator Name: Double Eagle Steel Coating

Waste Common Name: SUMP WASTE

Original Characterization Date: 04/08/03

Specific Process Generating the Waste:

Skimming oil from sumps used to collect galvanizing solutions. Oil is from steel coil coating.

Pursuant to the requirements outlined in Dynecol, Inc.'s Act 451 Part B Operating License, Section C-2e (iii), I hereby certify that the following waste stream has not changed from the original characterization over the past year. The process generating, composition, and waste characterization information originally profiled on the Dynecol, Inc. Waste Approval Form is accurate and complete.

I certify under penalty of law that I personally have examined and am familiar with the waste through analysis and testing or through knowledge of the waste, and I believe the information I submitted is true, accurate, and complete.

CHRISTOPHER MCBEE
Generators Name (Please print or type)

6/13/2005
Date

Christopher McBee
Generators Signature

ENVIRONMENTAL ENGINEER
Title

DYNECOL USE ONLY

Approved by: S.O. Mason

Expiration Date: 4/14/2006

Outbound Expires

RECERTIFICATION FORM.DOC REVISED 5/14/2003

DYNECOL, INC.
6520 GEORGIA STREET
DETROIT, MICHIGAN 48211
PHONE: (313) 571-7140
FAX: (313) 571-7190

WASTE APPROVAL FORM

RECERT: Y
APPROVAL # 107035H

Code: 51

I GENERAL INFORMATION

Customer: DOUBLE EAGLE STEEL COATING	Generator: SAME
Address: 3000 MILLER RD.	Address:
City: DEARBORN	City:
State: MI Zip Code: 48120	State: Zip Code:
Contact: Mark Gornick	Contact:
Phone # 313-203-9829 Fax: 9705	Phone #: Fax:
24 hour phone # 313-515-0752	EPA ID # MID981092190

II WASTE DESCRIPTION

Waste Common Name: SUMP WASTE

Specific Process Generating the Waste: SKIMMING OIL FROM SUMPS USED TO COLLECT GALVANIZING SOLUTIONS. OIL IS FROM STEEL COIL COATING.

WASTE COMPOSITION (must equal 100%)	Actual %	MIN.		MAX.
HYDROCHLORIC ACID		0%		5%
OIL		80%	-	95%
METALS (CHROME, IRON)		0%	-	1%
WATER		5%	-	20%
			-	
			-	
			-	
			-	

INDICATE YES(Y) OR NO(N) TO THE FOLLOWING CHARACTERISTICS OR CONTAMINANTS

Carcinogen	N	Oxidizer	N	Organics	Y	Explosives	N	Phenols	N	Hexavalent Chrome	N
Radioactive	N	Poison	N	PCBs	N	Pesticides	N				

As defined in 40 CFR 268: NON-WASTEWATER LIQUID

Sample submitted to Dynecol: YES Color: BLACK

III RCRA / ACT 451 WASTE CHARACTERIZATION

This is a hazardous waste as defined by either Michigan Act 451 of EPA 40 CFR 261: Y
D002, D007

This is a liquid non-hazardous waste as defined by Michigan Act 451: N
If yes, list all waste codes:

This waste contains a toxicity characteristic of 40 CFR 261.24 identified as waste codes D018 through D043: N

If yes, list all waste codes:

*If based on generator knowledge, please read and understand certification in Section VI

Revised 1/99

WASTE APPROVAL FORM PAGE 2

APPROVAL # 107035H

DYNECOL, INC.

Code: 479

IV SHIPPING INFORMATION

WASTE VOLUME: 1 UNIT: GALLONS

SHIPMENT FREQUENCY:

DOT PROPER SHIPPING NAME PER 49 CFR 172.101:

WASTE CORROSIVE LIQUID, NOS (HYDROCHLORIC ACID)

DOT HAZARD CLASS: 8 UN/NA NUMBER: UN1760 PACKAGING GROUP: II

V COMMENTS

- Generator wishes to keep all codes

VI GENERATOR CERTIFICATION

I CERTIFY UNDER PENALTY OF LAW THAT I PERSONALLY HAVE EXAMINED AND AM FAMILIAR WITH THE WASTE THROUGH AND TESTING OR THROUGH KNOWLEDGE OF THE WASTE, AND I BELIEVE THAT THE INFORMATION I SUBMITTED IS TRUE, ACCURATE AND COMPLETE

Mark Gornick
GENERATOR NAME (PLEASE PRINT OR TYPE)

4/8/03
DATE

Mark Gornick
GENERATOR SIGNATURE

Env. Eng.
TITLE

VII WASTE ANALYSIS

MINIMUM ANALYTICAL REQUIREMENTS FOR HAZARDOUS WASTES ARE:

FLASH, pH, AND REACTIVES (DETECTION LIMIT OF 20ppm FOR CYANIDE AND SULFIDE)
PCBs, %HOCs, (METHOD 9020)
TCLP METALS: ARSENIC, BARIUM, CADMIUM, CHROMIUM, LEAD, MERCURY, SELENIUM, SILVER

LABORATORY ANALYSIS IS ATTACHED FOR THE ABOVE ITEMS:

YES: NO: COMPLETE: PARTIAL: MSDS:

AUTHORIZATION FOR DYNECOL TO PERFORM ANALYSIS AS NECESSARY

PURCHASE ORDER #

VIII DYNECOL USE ONLY

APPROVAL NUMBER: 107035H

TREATMENT FACILITY CMF: ✓

APPROVED BY:

EXPIRATION DATE: 4/8/2004

DYNECOL
MID 074259565

DYNECOL, INC.
(313) 571-7141

CERTIFICATION FORM

(Submit with waste approval package)

UNDERLYING CONSTITUENTS/VOLATILE ORGANIC COMPOUNDS (VOC)

APPROVAL NUMBER: 107035H **EPA ID NUMBER:** MID 981 092190

GENERATOR NAME: Double Eagle Steel Coating Co.

EPA HAZARDOUS WASTE NUMBERS:

D003, D007

MANIFEST NUMBER (IF APPLICABLE):

PLEASE PLACE A CHECK MARK IN THE APPROPRIATE BOX:

- [ ] THIS WASTE IS NOT PROHIBITED FROM LAND DISPOSAL. (NOTE - ADDITIONAL CERTIFICATIONS MAY BE REQUIRED)
- [x] THIS WASTE IS PROHIBITED FROM LAND DISPOSAL.
- [ ] THE WASTE DOES NOT CONTAIN UNDERLYING HAZARDOUS CONSTITUENTS LISTED IN 40 CFR 268.48 TABLE UTS-UNIVERSAL TREATMENT STANDARDS (EXCLUDING FLUORIDE, VANADIUM AND/OR ZINC).
- [x] THE WASTE DOES CONTAIN UNDERLYING HAZARDOUS CONSTITUENTS LISTED IN 40 CFR 268.48 TABLE UTS-UNIVERSAL TREATMENT STANDARDS (EXCLUDING FLUORIDE, VANADIUM AND/OR ZINC).
- [x] THE WASTE DOES NOT CONTAIN VOLATILE ORGANIC COMPOUNDS GREATER THAN 500 PPM.
- [ ] THE WASTE DOES CONTAIN VOLATILE ORGANIC COMPOUNDS GREATER THAN 500 PPM.

NOTE: ADDITIONAL INFORMATION AS REQUIRED PER 40 CFR 268.7 GENERAL PAPERWORK REQUIREMENTS TABLE CAN BE FOUND IN THE ATTACHED DYNECOL WASTE APPROVAL FORM.

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE WASTE THROUGH ANALYSIS AND TESTING OR THROUGH KNOWLEDGE OF THE WASTE, AND BELIEVE THAT THE INFORMATION I SUBMITTED IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING A FALSE CERTIFICATION, INCLUDING A POSSIBILITY OF A FINE AND/OR IMPRISONMENT.

AUTHORIZED SIGNATURE	PRINTED NAME	DATE
Mark Gornik	Mark Gornik	4/8/03

TABLE UTS– 268.48 UNIVERSAL TREATMENT STANDARDS

ORGANIC CONSTITUENTS	ww-mg/L	ww-mg/kg	ORGANIC CONSTITUENTS	ww-mg/L	ww-mg/kg	ORGANIC CONSTITUENTS	ww-mg/L	ww-mg/kg	ORGANIC CONSTITUENTS	ww-mg/L	ww-mg/kg
A2213	0.042	1.4	m-Cresol	0.11	5.6	Fluoranthene	0.068	3.4	Phenol	0.039	6.2
Acenaphthene	0.059	3.4	p-Cresol	0.77	5.6	Fluorene	0.059	3.4	o-Phenylenediamine	0.056	5.6
Acenaphthylene	0.059	3.4	o-Cresol	0.77	5.6	Formetanate hydrochloride	0.056	1.4	Phorate	0.021	4.6
Acetone	0.28	160	m-Cumenyl methylcarbamate	0.056	1.4	Formparanate	0.056	1.4	Phthalic acid	0.055	28
Acetonitrile	5.6	38	Cyclohexanone	0.36	75 mg/L	Heptachlor	0.0012	0.066	Phthalic anhydride	0.055	28
Acetophenone	0.010	9.7	o,p'-DDD	0.023	0.087	Heptachlor epoxide	0.016	0.0066	Physostigmine	0.056	1.4
2-Acetylaminofluorene	0.059	140	p,p'-DDD	0.023	0.087	Hexachlorobenezene	0.055	10	Physostigmine salicylate	0.056	1.4
Acrolein	0.29	NA	o,p'-DDE	0.031	0.087	Hexachlorobutadiene	0.055	5.6	Promecarb	0.056	1.4
Acrylamide	19	23	p,p'-DDE	0.031	0.087	Hexachlorocyclopentadiene	0.057	2.4	Pronamide	0.093	1.5
Acrylonitrile	0.24	84	o,p'-DDT	0.0039	0.087	hexachlorodibenzo-furans	0.000063	0.001	Propham	0.056	1.4
Aldecarb sulfone	0.056	0.28	p,p'-DDT	0.0039	0.087	Hexachlorodibenzo-p-dioxins	0.000063	0.001	Propoxur	0.056	1.4
Aldrin	0.021	0.066	Dibenz(a,h)anthracene	0.055	8.2	Hexachloroethane	0.055	30	Prosulfocarb	0.042	1.4
4-Aminobiphenyl	0.13	NA	Dibenzo(a,e)pyrene	0.061	NA	Hexachloropropylene	0.035	30	Pyrene	0.067	8.2
Aniline	0.81	14	1,2-Dibromo-3-chloropropane	0.11	15	Indeno(1,2,3-c,d) pyrene	0.0055	3.4	Pyridine	0.014	16
Anthracene	0.059	3.4	1,2-Dibromoethane(Ethylene dibromide)	0.028	15	Iodomethane	0.19	65	Safrole	0.081	22
Aramite	0.36	NA	Dibromoethane	0.11	15	Isobutanol	5.6	170	1,2,4,5-Tetrachlorobenzene	0.055	14
Barban	0.056	1.4	m-Dichlorobenzene	0.036	6.0	Isodrin	0.021	0.066	Tetrachlorodibenzo-furans	0.000063	0.001
Bendiocarb	0.056	1.4	o-Dichlorobenzene	0.088	6.0	Isolan	0.056	1.4	Tetrachlorodibenzo-p-dioxins	0.000063	0.001
Bendiocarb phenol	0.056	1.4	p-Dichlorobenzene	0.09	6.0	Isosafrole	0.081	2.6	1,1,1,2-Tetrachloroethane	0.057	6.0
Benomyl	0.056	1.4	Dichlorodifluoromethane	0.23	7.2	Kepone	0.0011	0.13	1,1,2,2-Tetrachloroethane	0.057	6.0
alpha-BHC	0.0001	0.066	1,1-Dichloroethane	0.059	6.0	Methacrylonitrile	0.24	84	Tetrachloroethylene	0.056	6.0
beta-BHC	0.0001	0.066	1,2-Dichloroethane	0.21	6.0	Methanol	5.6	75 mg/L	2,3,4,6-Tetrachlorophenol	0.030	7.4
delta-BHC	0.023	0.066	1,1-Dichloroethylene	0.025	6.0	Methapyrilene	0.081	1.5	Thiodicarb	0.019	1.4
gamma-BHC	0.0017	0.066	trans-1,2-Dichloroethylene	0.054	30	Methiocarb	0.056	1.4	Thiophanate-methyl	0.056	1.4
Benzal Chloride	0.055	6.0	2,4-Dichlorophenol	0.044	14	Methomyl	0.028	0.14	Tirpate	0.056	0.28
Benz(a)anthracene	0.059	3.5	2,6-Dichlorophenol	0.044	14	Methoxychlor	0.25	0.18	Toluene	0.080	10
Benzene	0.14	10	2,4-D	0.72	10	3-Methylcholanthrene	0.0055	15	Toxaphene	0.0095	2.6
Benzo(b)fluoranthene	0.11	6.8	1,2-Dichloropropane	0.85	18	4,4-Methylene bis(2-chloroaniline)	0.50	30	Triallate	0.042	1.4
Benzo(k)fluoranthene	0.11	6.8	cis-1,3-Dichlorpropylene	0.036	18	Methylene chloride	0.089	30	1,2,4-Trichlorobenzene	0.055	19
Benzo(g,h,I) perylene	0.0055	1.8	trans-1,3-Dichchloropropylene	0.036	18	Methyl ethyl ketone	0.28	36	1,1,1-Trichloroethane	0.054	6.0
Benzo(a) pyrene	0.061	3.4	Dieldrin	0.017	0.13	Methyl isobutyl ketone	0.14	33	1,1,2-Trichloroethane	0.054	6.0
bis(2-Chloroethoxy) methane	0.036	7.2	Diethyl phthalate	0.20	28	Methyl methacrylate	0.14	160	Trichloroethylene	0.054	6.0
bis(2-Chloroethyl) ether	0.033	6.0	Diethylene glycol, dicarbamate	0.056	1.4	Methyl methanesulfonate	0.018	NA	Trichlorofluoromethane	0.020	30
bis(2-Ethylhexyl) phthalate	0.28	28	p-Dimethylaminoazobenzen	0.13	NA	Methyl parathion	0.014	4.6	2,4,5-Trichlorophenol	0.018	7.4
Bromodichloromethane	0.35	15	2,4-Dimethylphenol	0.036	14	Metolcarb	0.056	1.4	2,4,6-Trichlorophenol	0.035	7.4
Bromoform (Tribromomethane)	0.63	15	Dimethyl phthalate	0.047	28	Mexacarbate	0.056	1.4	2,4,5-T	0.72	7.9
Bromomethane (Methyl bromide)	0.11	15	Dimetilan	0.056	1.4	Molinate	0.042	1.4	2,4,5-TP (Silvex)	0.72	7.9
4-Bromophenyl phenyl ether	0.055	15	Di-n-butyl phthalate	0.057	28	2-Naphthylamine	0.52	NA	1,2,3-Trichloropropane	0.85	30
n-Butanol (n-Butyl alcohol)	5.6	2.6	1,4-Dinitrobenzene	0.32	2.3	Naphthalene	0.059	5.6	1,1,2-Trichloro-1,2,2-trifluoroethane	0.057	30
Butyl benzyl phthalate	0.017	28	4,6-Dinitro-o-cresol	0.28	160	o-Nitroaniline	0.27	14	Triethylamine	0.081	1.5
Butylate	0.042	1.4	2,4-Dinitrophenol	0.12	160	p-Nitroaniline	0.028	28	Tris(2,3-Dibromopropyl) phosphate	0.11	0.10
2-sec-Butyl-4,6-dinitrophenol (Dinoseb)	0.066	2.5	2,4-Dinitrotoluene	0.32	140	Nitrobenezene	0.068	14	Vernolate	0.042	1.4
Carbaryl	0.006	0.14	2,6-Dinitrotoluene	0.55	28	5-Nitro-o-toluidine	0.32	28	Vinyl chloride	0.27	6.0
Carbendazim	0.056	1.4	Di-n-octyl phthalate	0.017	28	o-Nitrophenol	0.028	13	Xylene-sum of mixed isomers	0.32	30
Carbofuran	0.006	0.14	Di-n-propylnitrosamine	0.40	14	p-Nitrophenol	0.12	29	METALS AND INORGANICS	ww-mg/L	ww-mg/L
Carbofuran phenol	0.056	1.4	1,4-Dioxane	12.0	170	N-Nitroso-di-n-butylamine	0.40	17	Antimony	1.9	1.15
Carbon disulfide	3.8	4.8 mg/L	Diphenylamine	0.92	13	N-Nitrosodiethylamine	0.40	28	Arsenic	1.4	5.0
Carbon tetrachloride	0.057	6.0	Diphenylnitrosamine	0.92	13	N-Nitrosodimethylamine	0.40	2.3	Barium	1.2	21
Carbosulfan	0.028	1.4	1,2-Diphenyl hydrazine	0.087	NA	N-Nitrosomethylethylamine	0.40	2.3	Beryllium	0.82	1.22
Chlordane (alpha and gamma)	0.0033	0.26	Disulfoton	0.017	6.2	N-Nitrosomorpholine	0.40	2.3	Cadmium	0.69	0.11
p-Chloroaniline	0.46	16	Dithiocarbamates (total)	0.028	28	N-Nitrosopiperidine	0.013	35	Chromium (Total)	2.77	0.60
Chlorobenzene	0.057	6.0	Endosulfan I	0.023	0.066	N-Nitrosopyrrolidine	0.013	35	Cyanide (Total)	1.2	590
Chlorobenzilate	0.10	NA	Endosulfan II	0.029	0.13	Oxamyl	0.056	0.28	Cyanide (Amenable)	0.86	30
2-Chloro-1,3-butadiene	0.057	0.28	Endosulfan sulfate	0.029	0.13	Parathion	0.014	4.6	Fluoride*	35	NA
Chlorodibromomethane	0.057	15	Endrin	0.0028	0.13	Total PCB's	0.10	10	Lead	0.69	0.75
Chloroethane	0.27	6.0	Endrin aldehyde	0.025	0.13	Pebulate	0.042	1.4	Mercury (retort residues)	NA	0.20
Chloroform	0.046	6.0	EPTC	0.042	1.4	Pentachlorobenzene	0.055	10	Mercury (all others)	0.15	0.025
p-Chloro-m-cresol	0.018	14	Ethyl acetate	0.34	33	Pentachlorodibenzo-p-dioxins	0.000063	0.001	Nickel	3.98	11
2-Chloroethyl vinyl ether	0.062	NA	Ethyl benzene	0.057	10	Pentachlordibenzo-furans	0.000063	0.001	Selenium	0.82	5.7
Chloromethane (Methyl Chloride)	0.19	30	Ethyl cyanide (Propanenitrile)	0.24	360	Pentachloroethane	0.055	6.0	Silver	0.43	0.14
2-Chloronaphthalene	0.055	5.6	Ethyl ether	0.12	160	Pentachloronitrobenzene	0.055	4.8	Sulfide	14	NA
2-Chlorophenol	0.044	5.7	Ethyl methacrylate	0.14	160	Pentachlorophenol	0.089	7.4	Thallium	1.4	0.20
3-Chloropropylene	0.036	30	Ethylene oxide	0.12	NA	Phenacetin	0.081	16	Vanadium	4.3	1.6
Chrysene	0.059	3.4	Famphur	0.017	15	Phenanthrene	0.059	5.6	Zinc*	2.61	4.3

* Fluoride, Vanadium, and Zinc are not "Underlying hazardous constituents" in characteristic wastes, according to the [illegible]

22345 Roethel Drive
Novi, MI 48375
248.344.1770
Fax 248.344.2654

Clayton GROUP SERVICES

March 26, 2003

Mark Gornick
DOUBLE EAGLE STEEL COATING COMPANY
3000 Miller Road
Dearborn, MI 48120-

Clayton Work Order No. 03030792

Reference:

Dear Mark Gornick:

Clayton Group Services received 2 samples on 03/24/2003 for the analyses presented in the following report.

Enclosed is a copy of the Chain-of-Custody record, acknowledging receipt of these samples. Please note that any unused portion of the samples will be discarded 30 days after the date of this report, unless you have requested otherwise.

This material is confidential and is intended solely for the person to whom it is addressed. If this is received in error, please contact the number provided below.

We appreciate the opportunity to assist you. If you have any questions concerning this report, please contact a Client Services Representative at (800) 806-5887.

Sincerely,

Karen Coonan

Karen Coonan
Client Services Representative

cc:

Clayton

CASE NARRATIVE

Date: *26-Mar-03*

CLIENT: DOUBLE EAGLE STEEL COATING COMPANY

Project:

Work Order No 03030792

Analytical comments:
The Clayton Novi Laboratory is NELAP and AIHA accredited. These accreditations require that we provide the following information on each report: As an analytical result progresses above the reporting limit (RL), it has less variability than a result reported at, or near, the RL.

Analytical Comments for Method PH_9040, sample -002C: The pH was done on the water layer only.

Analytical Comments for Method PH_9040, sample -001C and -002c: Samples were analyzed for pH outside of the recommended EPA holding time of "immediately".

The Total Organic Carbon analysis was subcontracted to KAR Laboratories, Kalamazoo, MI.

ANALYTICAL RESULTS

Clayton

Date: 26-Mar-03

CLIENT:	DOUBLE EAGLE STEEL COATING COMPANY	Client Sample ID:	SUMP WASTE (ZINC)
Work Order No:	03030792	Tag Number:	
Project:		Collection Date:	03/22/2003
Lab ID:	03030792-002C	Matrix:	AQUEOUS

Analyses	Result	Reporting Limit	Qual	Units	DF	Date Analyzed
PH, ELECTROMETRIC; METHOD EPA 9040B						Analyst: CAC
pH	<1	1.0		pH Units	1	03/24/2003 1:15:00 PM

Qualifiers:

ND - Not Detected at the Reporting Limit (RL).
J - Analyte detected below the Reporting Limit
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
T - Tentatively Identified Compound (TIC)

Clayton

ANALYTICAL RESULTS

Date: 26-Mar-03

CLIENT: DOUBLE EAGLE STEEL COATING COMPANY
Client Sample ID: SUMP WASTE (ZINC)
Work Order No: 03030792
Tag Number:
Project:
Collection Date: 03/22/2003
Lab ID: 03030792-002B
Matrix: LEACHATE

Analyses	Result	Reporting Limit	Qual	Units	DF	Date Analyzed
ICP METALS; LEACHATE: METHOD EPA 6010B						Analyst: DH
Arsenic	0.30	0.10		mg/L	1	03/25/2003
Barium	0.31	0.10		mg/L	1	03/25/2003
Cadmium	0.18	0.050		mg/L	1	03/25/2003
Chromium	10	0.10		mg/L	1	03/25/2003
Lead	0.42	0.10		mg/L	1	03/25/2003
Selenium	ND	0.20		mg/L	1	03/25/2003
Silver	0.18	0.020		mg/L	1	03/25/2003
MERCURY; METHOD EPA 1311/7470A						Analyst: RS
Mercury	ND	0.0010		mg/L	1	03/26/2003

Qualifiers:
ND - Not Detected at the Reporting Limit (RL).
J - Analyte detected below the Reporting Limit
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
T - Tentatively Identified Compound (TIC)

Clayton GROUP SERVICES

REQUEST FOR LABORATORY ANALYTICAL SERVICES

IMPORTANT
Date Results Requested: _____
Rush Charges Authorized? ☐ Yes ☐ No
☒ Fax or ☐ E-mail Results
E-mail address: _____

For Clayton Use Only
Clayton Lab Project No.
03030792

CLIENT INFORMATION
Name: Mark Gorrick
Company: Double Eagle Steel
Mailing Address: 3000 Miller Rd.
City, State, Zip: Dearborn Mich. 48120
Telephone No. (313) 203-9829 FAX No. (313) 203-9705
Client Job No.:
Dept.:

SEND REPORT TO
Purchase Order No.:
Name:
Company: Dept.:
Address:
City, State, Zip:

Special instructions and/or specific regulatory requirements: (method, limit of detection, etc.)

Samples are: (check if applicable)
☐ Drinking Water
☐ Groundwater
☒ Wastewater

* Confirmation of Preservative

ANALYSIS REQUESTED
(Enter an 'X' in the box below to indicate request. Enter a 'P' if Preservative added.)

CLIENT SAMPLE IDENTIFICATION	DATE SAMPLED	TIME SAMPLED	MATRIX/ MEDIA	AIR VOLUME (specify units)	Number of Containers	* MI 30 TCLP	Corrosivity									FOR LAB USE ONLY
Sump Waste (Zinc)	3/22		W		2	X	X									pH = N/A

Collected by: Ron Warden (print)
Relinquished by: Ron Warden Date/Time
Relinquished by: Date/Time
Method of Shipment:
Authorized by: Ron Warden Date
(Client Signature MUST Accompany Request)

Collector's Signature:
Received by: 3/24/03 Date/Time 10:00
Received by: Date/Time
Received at Lab by: Date/Time 3/24/03 11:00 AM
Sample Condition Upon Receipt: ☒ Acceptable ☐ Other (explain)

16.9
16.4
16.7

Please return completed form and samples to one of the Clayton Group Services, Inc. labs listed below:

Detroit Regional Lab
22345 Rostiel Drive
Novi, MI 48375
(800) 806-5867
(248) 344-1770
FAX (248) 349-2605

Atlanta Regional Lab
3350 Chastain Meadows Parkway, Suite 300
Kennesaw, GA 30144
(800) 252-9918
(770) 499-7500
FAX (770) 423-4990

Seattle Regional Lab
4638 E. Marginal Way S., Suite 215
Seattle, WA 98134
(800) 580-7755
(206) 763-7364
FAX (206) 763-4189

DISTRIBUTION:
White = Clayton Laboratory
Yellow = Clayton Accounting
Pink = Client Copy

9/97 20K

Midwest Analytical Services, Inc.
Metropolitan Center for High Technology
Phone: 1-800-801-4MAS (MI only)
Fax No: 313 964-3339

Date : 29-Sep-99

Client : MOLLY DWINNELLS
: DYNECOL, INC.

Mas# : 90928002

PROJECT: : DOUBLE EAGLE STEEL COATING

Sample I.D. : 107035 SUMP WASTE

The above mentioned project has been completed in accordance with the Quality Assurance Project Plan written by Midwest Analytical Services, Inc., using SW-846, DEQ, EPA, Standard Methods and ASTM documents as reference guidelines. Specific sample information is available upon request (i.e. hold times etc.). This test report applies only to the samples received. Midwest is not responsible for interpretation of this test report. Please read the following numbered comments carefully. Thank you for choosing Midwest Analytical Services, Inc.

For your convenience the following legend applies to all the following data sheets.

1. *Reports shall not be reproduced, except in full, without written approval of Midwest Analytical Services, Inc.*
2. *N/D=Not detected.*
3. *Results relate only to the items tested.*
4. *ppm=parts per million, mg/l, mg/kg or mg/kg(dry weight)*
   ppb=parts per billion, µg/l, µg/kg or µg/kg(dry weight)
5. *QC information on file.*
6. *EQL=Estimated Quantitation Limit.*
7. *N/A=Not Applicable.*

If you have any questions regarding this project please feel free to contact me at 1-800-801-4MAS or 1-313-964-3680.

Thanking You,

Charles Hindbaugh

Charles Hindbaugh
Lab. Quality Manager ext. 115

Midwest Analytical Services, Inc.
Metropolitan Center for High Technology
Phone: 1-800-801-4MAS (MI only)
: (313) 964-3680
Fax No: (313) 964-2339
include a cover sheet.

IN-C DH

TEST REPORT

MAS #:9 0 9 2 8 0 0 2

MOEL
DATE COMPLETED: 29-Sep-99
P.O. #: 115-4751
6520 GEORGIA
DETROIT, MI 48211

PROJECT: DOUBLE EAGLE STEEL COATING
SAMPLE IDENTIFICATION: 107035 SUMP WASTE
PHYSICAL DESCRIPTION: LIQUID
Sample Date: 27-Sep-99

METHOD #	PARAMETER	SAMPLE RESULT	UNITS	EQL	REGULATORY LIMIT	ANALYST	DATE ANALYZED	DATA FLAG
SW-846 1010	IGNITABILITY	> 200	°F	---	< 140 D001	FH	09/29/99	
SW-846 9045C	*pH / CORROSIVITY	5.18	UNITS	---	<2 : >12.5 D002	NW	09/29/99	
	REACTIVITY:							
SW-846 7.3.3.2	REACTIVE CYANIDE	N/D	mg/kg	50	250 D003	HL	09/29/99	
40 CFR 261.23.5	REACTIVE SULFIDE	NEGATIVE	---	--	D003			
SW-846 9020BM	TOTAL ORGANIC HALOGENS	< 100	mg/kg	100	---	HL	09/29/99	
SW-846 8082	PCB:		mg/kg		---	CBH	09/29/99	
	AROCLOR 1016	N/D		1.0				
	AROCLOR 1221	N/D		1.0				
	AROCLOR 1232	N/D		1.0				
	AROCLOR 1242	N/D		1.0				
	AROCLOR 1248	N/D		1.0				
	AROCLOR 1254	N/D		1.0				
	AROCLOR 1260	N/D		1.0				
SW-846	TCLP METALS (1311):		mg/l			MV	9/29/99	
6010A	ARSENIC	N/D		1.0	5.0 D004			
6010A	BARIUM	N/D		10	100 D005			
6010A	CADMIUM	N/D		0.50	1.0 D006			
6010A	CHROMIUM	1.2		1.0	5.0 D007			
6010A	LEAD	N/D		1.0	5.0 D008			
7470A	MERCURY	N/D		0.10	0.2 D009			
6010A	SELENIUM	N/D		0.50	1.0 D010			
6010A	SILVER	N/D		1.0	5.0 D011			

* SAMPLE pH MEASURED IN WATER AT 21°C.

Charles Hindbaugh

Charles Hindbaugh
Lab. Quality Manager - ext. 115

EQ - DETROIT
1923 FREDERICK
DETROIT, MI 48211
(313) 922-8419

FACSIMILE TRANSMITTAL SHEET

TO: marc S

FROM: Rachel Lucarelli, Resource Coordinator

COMPANY: double Eagle

DATE:

FAX NUMBER: 3132039705

TOTAL NO. OF PAGES INCLUDING COVER: 5

PHONE NUMBER:

DIRECT PHONE NUMBER: (313) 922-9174

RE: profile copy

FAX NUMBER: (313) 923-8295

☐ URGENT ☐ FOR REVIEW ☐ PLEASE COMMENT ☐ PLEASE REPLY ☐ PER REQUEST

If you have any questions or would like to discuss the above, please contact me at (313)922-9174 or by email at rachel.lucarelli@eqonline.com.

Thank you, Rachel

DYNECOL
MID 074259565

DYNECOL, INC.
(313) 571-7141

CERTIFICATION FORM

(Submit with waste approval package)

UNDERLYING CONSTITUENTS/VOLATILE ORGANIC COMPOUNDS (VOC)

APPROVAL NUMBER: 1070354 **EPA ID NUMBER:** MID 981 092190

GENERATOR NAME: Double Eagle Steel Coating Co.

EPA HAZARDOUS WASTE NUMBERS:

D002, D007

MANIFEST NUMBER (IF APPLICABLE):

PLEASE PLACE A CHECK MARK IN THE APPROPRIATE BOX:

- [ ] THIS WASTE IS NOT PROHIBITED FROM LAND DISPOSAL. (NOTE - ADDITIONAL CERTIFICATIONS MAY BE REQUIRED)
- [x] THIS WASTE IS PROHIBITED FROM LAND DISPOSAL.
- [ ] THE WASTE DOES NOT CONTAIN UNDERLYING HAZARDOUS CONSTITUENTS LISTED IN 40 CFR 268.48 TABLE UTS-UNIVERSAL TREATMENT STANDARDS (EXCLUDING FLUORIDE, VANADIUM AND/OR ZINC).
- [x] THE WASTE DOES CONTAIN UNDERLYING HAZARDOUS CONSTITUENTS LISTED IN 40 CFR 268.48 TABLE UTS-UNIVERSAL TREATMENT STANDARDS (EXCLUDING FLUORIDE, VANADIUM AND/OR ZINC).
- [x] THE WASTE DOES NOT CONTAIN VOLATILE ORGANIC COMPOUNDS GREATER THAN 500 PPM.
- [ ] THE WASTE DOES CONTAIN VOLATILE ORGANIC COMPOUNDS GREATER THAN 500 PPM.

NOTE: ADDITIONAL INFORMATION AS REQUIRED PER 40 CFR 268.7 GENERAL PAPERWORK REQUIREMENTS TABLE CAN BE FOUND IN THE ATTACHED DYNECOL WASTE APPROVAL FORM.

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE WASTE THROUGH ANALYSIS AND TESTING OR THROUGH KNOWLEDGE OF THE WASTE, AND BELIEVE THAT THE INFORMATION I SUBMITTED IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING A FALSE CERTIFICATION, INCLUDING A POSSIBILITY OF A FINE AND/OR IMPRISONMENT.

AUTHORIZED SIGNATURE	PRINTED NAME	DATE
Mark Donta	Mark Gornick	4/8/03

111499MQ

WASTE APPROVAL RECERTIFICATION FORM

Waste Approval Number: 107035H/114976H Customer Generator Code: 51

Generator Name: Double Eagle Steel Coating

Waste Common Name: SUMP WASTE

Original Characterization Date: 04/08/03

Specific Process Generating the Waste:

Skimming oil from sumps used to collect galvanizing solutions. Oil is from steel coil coating.

Pursuant to the requirements outlined in Dynecol, Inc.'s Act 451 Part B Operating License, Section C-2e (iii), I hereby certify that the following waste stream has not changed from the original characterization over the past year. The process generating, composition, and waste characterization information originally profiled on the Dynecol, Inc. Waste Approval Form is accurate and complete.

I certify under penalty of law that I personally have examined and am familiar with the waste through analysis and testing or through knowledge of the waste, and I believe the information I submitted is true, accurate, and complete.

CHRISTOPHER MCBEE
Generators Name (Please print or type)

6/13/2005
Date

Christopher McBee
Generators Signature

ENVIRONMENTAL ENGINEER
Title

DYNECOL USE ONLY

Approved by: S.O. Mason

Expiration Date: 4/14/2006 ~~[illegible]~~

Outbound Expires

RECERTIFICATION FORM.DOC REVISED 5/14/2003

WASTE APPROVAL RECERTIFICATION FORM

Waste Approval Number: 5057 Customer Generator Code: 51

Generator Name: Double Eagle Steel Coating

Waste Common Name: Dilute Alloy Plating Solution

Original Characterization Date: 11/21/03

Specific Process Generating the Waste:

Removal of dilute alloy plating solution from the basement floor under the plating tanks. Plating solution is generated from electrogalvanizing operations.

D002, D007

Pursuant to the requirements outlined in Dynecol, Inc.'s Act 451 Part B Operating License, Section C-2e (iii), I hereby certify that the following waste stream has not changed from the original characterization over the past year. The process generating, composition, and waste characterization information originally profiled on the Dynecol, Inc. Waste Approval Form is accurate and complete.

I certify under penalty of law that I personally have examined and am familiar with the waste through analysis and testing or through knowledge of the waste, and I believe the information I submitted is true, accurate, and complete.

CHRISTOPHER MCBEE
DOUBLE EAGLE STEEL
Generators Name (Please print or type)

6/13/2005
Date

Christopher McBee
Generators Signature

ENVIRONMENTAL ENGINEER
Title

DYNECOL USE ONLY
Approved by: R. Duerlo

Expiration Date: 6/30/06

[redacted]

WASTE APPROVAL RECERTIFICATION FORM

Waste Approval Number: 5D57 Customer Generator Code: 51

Generator Name: Double Eagle Steel Coating Co.

Waste Common Name: Dilute Alloy Plating Soln.

Original Characterization Date: 11/21/02

Specific Process Generating the Waste:
Removal of dilute alloy plating solution from the basement floor under the plating tanks. Plating solution is generated from electrogalvanizing operations

Pursuant to the requirements outlined in Dynecol, Inc.'s Act 451 Part B Operating License, Section C-2e (iii), I hereby certify that the following waste stream has not changed from the original characterization over the past year. The process generating, composition, and waste characterization information originally profiled on the Dynecol, Inc. Waste Approval Form is accurate and complete.

I certify under penalty of law that I personally have examined and am familiar with the waste through analysis and testing or through knowledge of the waste, and I believe the information I submitted is true, accurate, and complete.

Mark Garnich
Generators Name (Please print or type)

11/24/03
Date

Generators Signature

ENV. ENG.
Title

DYNECOL USE ONLY
Approved by: Expiration Date: 11/27/04

RECERTIFICATION FORM.DOC REVISED 5/14/2001

DYNECOL, INC.
6520 GEORGIA STREET
DETROIT, MICHIGAN 48211
PHONE: (313) 571-7140
FAX: (313) 571-7190

WASTE APPROVAL FORM

RECERT: NO
APPROVAL # 5057

Code 51

I. GENERAL INFORMATION

Customer: DOUBLE EAGLE STEEL COATING CO.	Generator: SAME
Address: 3000 MILLER ROAD	Address:
City: DEARBORN	City:
State: MI Zip Code: 48120	State: Zip Code:
Contact: MARK GORNICK	Contact:
Phone #: (313) 203-9829 Fax: (313) 203-9705	Phone #: Fax:
24 hour phone #:	EPA ID # MID 981 092 190

II. WASTE DESCRIPTION

Waste Common Name: Dilute Alloy Plating Solution

Specific Process Generating the Waste: Removal of dilute alloy plating solution from the basement floor under the plating tanks. Plating solution is generated from electrogalvanizing operations. Zinc plating on carbon steel. Overflow of alloy plating solution mixed with water that accumulated on the basement floor.

WASTE COMPOSITION (must equal 100%)	Actual %	MIN.		MAX.
			-	
Zinc	4%	2	-	6%
Iron chloride	4%	2	-	6%
Hydrochloric acid	2%	1	-	4%
Citric Acid	0.05%	0		0.1%
Water	90%	85	-	95%
			-	
			-	

INDICATE YES(Y) OR NO(N) TO THE FOLLOWING CHARACTERISTICS OR CONTAMINANTS

Carcinogen	N	Oxidizer	N	Organics	Y	Explosives	N	Phenols	N	Hexavalent Chrome	N
Radioactive	N	Poison	N	PCBs	N	Pesticides	N				

As defined in 40 CFR 268: NONWASTEWATER LIQUID

Sample submitted to Dynecol: YES Color: YELLOW

III. RCRA / ACT 451 WASTE CHARACTERIZATION

This is a hazardous waste as defined by either Michigan Act 451 of EPA 40 CFR 261: YES (X)

If yes, list all waste codes:

D002, D007

This is a non-hazardous waste as defined by Michigan Act 451: NO (X)

If yes, list all waste codes:

This waste contains a toxicity characteristic of 40 CFR 261.24 identified as waste codes D018 through D043: NO (X)*

If yes, list all waste codes:

*If based on generator knowledge, please read and understand certification in Section VI

Revised 99

WASTE APPROVAL FORM PAGE 2

DYNECOL, INC.

APPROVAL # Code: 51

IV SHIPPING INFORMATION

WASTE VOLUME: 60,000 UNIT: Gallons

SHIPMENT FREQUENCY: YEAR

DOT PROPER SHIPPING NAME PER 49 CFR 172.101:

WASTE CORROSIVE LIQUID, N.O.S. (Hydrochloric Acid) Waste Corrosive liquid, acidic, inorganic (hydrochloric acid

DOT HAZARD CLASS: 8 UN/NA NUMBER: UN1760 PACKAGING GROUP: II

V COMMENTS

DYNECOL APPROVAL FOR ALLOY PLATING SOLUTION IS 2443.

VI GENERATOR CERTIFICATION

I CERTIFY UNDER PENALTY OF LAW THAT I PERSONALLY HAVE EXAMINED AND AM FAMILIAR WITH THE WASTE THROUGH AND TESTING OR THROUGH KNOWLEDGE OF THE WASTE, AND I BELIEVE THAT THE INFORMATION I SUBMITTED IS TRUE, ACCURATE AND COMPLETE.

Mark Gornich — GENERATOR NAME (PLEASE PRINT OR TYPE)

11/21/02 — DATE

GENERATOR SIGNATURE

ENV. ENG — TITLE

VII WASTE ANALYSIS

MINIMUM ANALYTICAL REQUIREMENTS FOR HAZARDOUS WASTES ARE:

FLASH, pH, AND REACTIVES (DETECTION LIMIT OF 20ppm FOR CYANIDE AND SULFIDE)

PCBs, %HOCs, (METHOD 8020)

TCLP METALS: ARSENIC, BARIUM, CADMIUM, CHROMIUM, LEAD, MERCURY, SELENIUM, SILVER

LABORATORY ANALYSIS IS ATTACHED FOR THE ABOVE ITEMS:

YES: NO: COMPLETE: PARTIAL *: MSDS:

* _____ AUTHORIZATION FOR DYNECOL TO PERFORM ANALYSIS AS NECESSARY

PURCHASE ORDER # _____

VIII DYNECOL USE ONLY

APPROVAL NUMBER: 5057

TREATMENT FACILITY: CMF:

APPROVED BY: M. Miranda

EXPIRATION DATE: 11/22/03 DATE:

REVISED 1/99

Analytical Results Report

Sample description: Plating solvents
Sample date: 12/18/01
HVLI sample: L16184-2

12/20/01

Double Eagle Steel Coating
Dearborn, MI 48120-1413

Parameter	Result	Units	Qual	PQL	Date	Analyst
Sample Volume	10			0.	12/20/01	LJJ
Final Volume	50			0.	12/20/01	LJJ
Arsenic, total	0.20	mg/l		0.10	12/20/01	LJJ
Sample Volume	10			0.	12/20/01	LJJ
Final Volume	50			0.	12/20/01	LJJ
Barium, total	ND	mg/l		0.015	12/20/01	LJJ
Sample Volume	10			0.	12/20/01	LJJ
Final Volume	50			0.	12/20/01	LJJ
Cadmium, total	ND	mg/l		0.015	12/20/01	LJJ
Sample Volume	10			0.	12/20/01	LJJ
Final Volume	50			0.	12/20/01	LJJ
Chromium, total	17.	mg/l		0.010	12/20/01	LJJ
Sample Volume	10			0.	12/20/01	LJJ
Final Volume	50			0.	12/20/01	LJJ
Lead, total	0.24	mg/l		0.035	12/20/01	LJJ
Sample Volume	5.	ml		0.	12/19/01	MW
Final Volume	25.	ml		0.	12/19/01	MW
Initial Volume of Dilution	1.	ml		0.	12/19/01	MW
Final Volume of Dilution	1.	ml		0.	12/19/01	MW
Mercury, total	ND	mg/l		0.001	12/19/01	MW
Sample Volume	10			0.	12/20/01	LJJ
Final Volume	50			0.	12/20/01	LJJ
Selenium, total	ND	mg/l		0.20	12/20/01	LJJ
Sample Volume	10			0.	12/20/01	LJJ
Final Volume	50			0.	12/20/01	LJJ
Silver, total	ND	mg/l		0.050	12/20/01	LJJ
IGNITABILITY:						
Flash Point-closed cup	>200	deg F		0.00	12/19/01	PAG
CORROSIVITY:						
pH	3.920	SU		0.000	12/19/01	KSR
REACTIVITY:						
Sample Weight	50	g		0.	12/19/01	IMR
Final Volume	50	ml		0.	12/19/01	IMR
Initial Color Volume	5.	ml		0.	12/19/01	IMR
Final Color Volume	5.	ml		0.	12/19/01	IMR

Analytical Results Report

Sample description: Plating solvents
Sample date: 12/18/01
HVLI sample: L16184-2 12/20/01

Double Eagle Steel Coating
Dearborn, MI 48120-1413

Parameter	Result	Units	Qual	PQL	Date	Analyst
Cyanide, analytical	0.016	mg/kg		0.	12/19/01	IMR
Cyanide, reactive	0.016	mg/kg		0.010	12/19/01	IMR
REACTIVITY:						
Sample Weight	25.	g		0.	12/19/01	IMR
Final Volume	25.	ml		0.	12/19/01	IMR
Sulfides, reactive	ND	mg/kg		0.020	12/19/01	IMR

Analytical Results Report

Sample description: Plating solution
Sample date: 12/18/01
HVLI sample: L16184-3

12/20/01

Double Eagle Steel Coating
Dearborn, MI 48120-1413

Parameter	Result	Units	Qual	PQL	Date	Analyst
Volatile Organic Compounds						
Sample Volume	0.1	ml		0.	12/19/01	MWB
Bromomethane	ND	ug/l		70.	12/19/01	MWB
Chloromethane	ND	ug/l		56.	12/19/01	MWB
Vinyl Chloride	ND	ug/l		50.	12/19/01	MWB
Chloroethane	ND	ug/l		50.	12/19/01	MWB
Acrolein	ND	ug/l		86.	12/19/01	MWB
Methylene chloride	ND	ug/l		50.	12/19/01	MWB
Acrylonitrile	ND	ug/l		50.	12/19/01	MWB
1,1-Dichloroethene	ND	ug/l		50.	12/19/01	MWB
1,1-Dichloroethane	ND	ug/l		50.	12/19/01	MWB
trans-1,2-Dichloroethene	ND	ug/l		50.	12/19/01	MWB
cis-1,2-Dichloroethene	ND	ug/l		50.	12/19/01	MWB
Chloroform	ND	ug/l		50.	12/19/01	MWB
1,2-Dichloroethane	ND	ug/l		50.	12/19/01	MWB
1,1,1-Trichloroethane	ND	ug/l		50.	12/19/01	MWB
Carbon tetrachloride	ND	ug/l		50.	12/19/01	MWB
Bromodichloromethane	ND	ug/l		50.	12/19/01	MWB
2-Chloroethyl vinyl ether	ND	ug/l		50.	12/19/01	MWB
1,2-Dichloropropane	ND	ug/l		50.	12/19/01	MWB
trans-1,3-Dichloropropene	ND	ug/l		50.	12/19/01	MWB
cis-1,3-Dichloropropene	ND	ug/l		50.	12/19/01	MWB
Trichloroethene	ND	ug/l		50.	12/19/01	MWB
Benzene	ND	ug/l		50.	12/19/01	MWB
Dibromochloromethane	ND	ug/l		50.	12/19/01	MWB
Toluene	ND	ug/l		50.	12/19/01	MWB
1,1,2-Trichloroethane	ND	ug/l		50.	12/19/01	MWB
Bromoform	ND	ug/l		50.	12/19/01	MWB
1,1,2,2-Tetrachloroethane	ND	ug/l		50.	12/19/01	MWB
Tetrachloroethene	ND	ug/l		50.	12/19/01	MWB
Chlorobenzene	ND	ug/l		30.	12/19/01	MWB
m + p-Xylene	ND	ug/l		62.	12/19/01	MWB
Ethylbenzene	ND	ug/l		50.	12/19/01	MWB
o-Xylene	ND	ug/l		50.	12/19/01	MWB
1,3-Dichlorobenzene	ND	ug/l		50.	12/19/01	MWB
1,4-Dichlorobenzene	ND	ug/l		50.	12/19/01	MWB
1,2-Dichlorobenzene	ND	ug/l		50.	12/19/01	MWB
Sample Volume	500	ml		0.	12/20/01	JJW
Extract Volume	1.	ml		0.	12/20/01	JJW
PCB 1221	ND	mg/l		0.0001	12/20/01	JJW
PCB 1016	ND	mg/l		0.0001	12/20/01	JJW
PCB 1232	ND	mg/l		0.0001	12/20/01	JJW
PCB 1242	ND	mg/l		0.0001	12/20/01	JJW
PCB 1248	ND	mg/l		0.0001	12/20/01	JJW

Analytical Results Report

Sample description: Plating solution
Sample date: 12/18/01
HVLI sample: L16184-3

12/20/01

Double Eagle Steel Coating
Dearborn, MI 48120-1413

Parameter	Result	Units	Qual	PQL	Date	Analyst
PCB 1254	ND	mg/l		0.0001	12/20/01	JJW
PCB 1260	ND	mg/l		0.0001	12/20/01	JJW
PCB 1262	ND	mg/l		0.0001	12/20/01	JJW
PCB 1268	ND	mg/l		0.0001	12/20/01	JJW
PCB, Total	ND	mg/l		0.0001	12/20/01	JJW

WASTE APPROVAL RECERTIFICATION FORM

Waste Approval Number: 4310 Customer Generator Code: 51

Generator Name: Double Eagle Steel Coating

Waste Common Name: Liquid Spillway Waste

Original Characterization Date: 07/08/02

Specific Process Generating the Waste:

Waste water treatment plant effluent: Rinsewater from zinc electroplating on carbon steel (99%) and electrolyte solution (1% zinc chloride, HCL & water).

029L

Pursuant to the requirements outlined in Dynecol, Inc.'s Act 451 Part B Operating License, Section C-2e (iii), I hereby certify that the following waste stream has not changed from the original characterization over the past year. The process generating, composition, and waste characterization information originally profiled on the Dynecol, Inc. Waste Approval Form is accurate and complete.

I certify under penalty of law that I personally have examined and am familiar with the waste through analysis and testing or through knowledge of the waste, and I believe the information I submitted is true, accurate, and complete.

CHRISTOPHER MCBEE
DOUBLE EAGLE STEEL
Generators Name (Please print or type)

6/13/05
Date

Christopher McBee
Generators Signature

ENVIRONMENTAL ENGINEER
Title

DYNECOL USE ONLY
Approved by: M. Durale

Expiration Date: 6/30/06

RECERTIFICATION FORM.DOC REVISED 5/14/2003

WASTE APPROVAL RECERTIFICATION FORM

Waste Approval Number: 4310 Customer Generator Code: 51

Generator Name: Double Eagle Steel Coating

Waste Common Name: Liquid Spillway Waste

Original Characterization Date: 2-24-99

Specific Process Generating the Waste:
Waste water treatment plant effluent: Rinsewater from zinc electroplating on carbon steel (99%) and electrolyte soln. (1%: zinc chloride, HCL & water) Electrolyte soln equals zinc plating solution

Pursuant to the requirements outlined in Dynecol, Inc.'s Act 451 Part B Operating License, Section C-2e (iii), I hereby certify that the following waste stream has not changed from the original characterization over the past year. The process generating, composition, and waste characterization information originally profiled on the Dynecol, Inc. Waste Approval Form is accurate and complete.

I certify under penalty of law that I personally have examined and am familiar with the waste through analysis and testing or through knowledge of the waste, and I believe the information I submitted is true, accurate, and complete.

Mark Gomite
Generators Name (Please print or type)

6/17/03
Date

Mark Gomite
Generators Signature

ENV. ENG.
Title

DYNECOL USE ONLY
Approved by: M. Rueda

Expiration Date: 6/18/04

DYNECOL, INC.
6520 GEORGIA STREET
DETROIT, MICHIGAN 48211
PHONE: (313) 571-7140
FAX: (313) 571-7190

WASTE APPROVAL FORM

RECERT: Y
APPROVAL # 4310

Code: 479

I GENERAL INFORMATION

Customer: DOUBLE EAGLE STEEL COATING	Generator: SAME
Address: 3000 MILLER RD.	Address:
City: DEARBORN	City:
State: MI Zip Code: 48120	State: Zip Code:
Contact: GREG WINTERHALTER	Contact:
Phone # 313-203-9829 Fax: 9705	Phone #: Fax:
24 hour phone #	EPA ID # MID981092190

II WASTE DESCRIPTION

Waste Common Name: LIQUID SPILLWAY WASTE

Specific Process Generating the Waste: WASTE WATER TREATMENT PLANT EFFLUENT: RINSEWATER FROM ZINC ELECTROPLATING ON CARBON STEEL (99%) AND ELECTROLYTE SOLUTION (1%: ZINC CHLORIDE, HCL, AND WATER). ELECTROLYTE SOLUTION EQUALS ZINC PLATING SOLUTION.

WASTE COMPOSITION (must equal 100%)	Actual %	MIN.	MAX.
RINSE WATER	99		
ELECTROLYTE SOLUTION	1		

INDICATE YES(Y) OR NO(N) TO THE FOLLOWING CHARACTERISTICS OR CONTAMINANTS

Carcinogen	N	Oxidizer	N	Organics	N	Explosives	N	Phenols	N	Hexavalent Chrome	N
Radioactive	N	Poison	N	PCBs	N	Pesticides	N				

As defined in 40 CFR 268: WASTEWATER LIQUID

Sample submitted to Dynecol: YES Color: BROWN

III RCRA / ACT 451 WASTE CHARACTERIZATION

This is a hazardous waste as defined by either Michigan Act 451 of EPA 40 CFR 261: N

This is a liquid non-hazardous waste as defined by Michigan Act 451: Y

If yes, list all waste codes: 029L

This waste contains a toxicity characteristic of 40 CFR 261.24 identified as waste codes D018 through D043: N

If yes, list all waste codes:

*If based on generator knowledge, please read and understand certification in Section VI

Revised 1/99

WASTE APPROVAL FORM PAGE 2

DYNECOL, INC.

APPROVAL # 4310 Code: 479

IV SHIPPING INFORMATION

WASTE VOLUME: UNIT: GALLONS

SHIPMENT FREQUENCY:

DOT PROPER SHIPPING NAME PER 49 CFR 172.101:

NON-HAZARDOUS WASTE LIQUID

DOT HAZARD CLASS: UN/NA NUMBER: PACKAGING GROUP:

V COMMENTS

VI GENERATOR CERTIFICATION

I CERTIFY UNDER PENALTY OF LAW THAT I PERSONALLY HAVE EXAMINED AND AM FAMILIAR WITH THE WASTE THROUGH AND TESTING OR THROUGH KNOWLEDGE OF THE WASTE, AND I BELIEVE THAT THE INFORMATION I SUBMITTED IS TRUE, ACCURATE AND COMPLETE.

Monte Gaunt — 7/8/02

GENERATOR NAME (PLEASE PRINT OR TYPE) DATE

Monte Gaunt — Env. Eng.

GENERATOR SIGNATURE TITLE

VII WASTE ANALYSIS

MINIMUM ANALYTICAL REQUIREMENTS FOR HAZARDOUS WASTES ARE:

FLASH, pH, AND REACTIVES (DETECTION LIMIT OF 20ppm FOR CYANIDE AND SULFIDE)
PCBs, %HOCs, (METHOD 8020)
TCLP METALS: ARSENIC, BARIUM, CADMIUM, CHROMIUM, LEAD, MERCURY, SELENIUM, SILVER

LABORATORY ANALYSIS IS ATTACHED FOR THE ABOVE ITEMS:

YES: NO: COMPLETE: PARTIAL *: MSDS:

* _____ AUTHORIZATION FOR DYNECOL TO PERFORM ANALYSIS AS NECESSARY

PURCHASE ORDER # _____

VIII DYNECOL USE ONLY

APPROVAL NUMBER: 4310

TREATMENT FACILITY: CMP:

APPROVED BY: M. Ricciardi

EXPIRATION DATE: 7/9/03 DATE: 7/9/02

REVISED 1/98

Huron Valley Laboratories, Inc.

Accredited through the National Environmental Laboratory Accreditation Program (NELAP).
Accreditation Number: 100412

Analytical Report
for
Double Eagle Steel Coating Company
3000 Miller Road
Dearborn, MI 48120-1413

June 14, 2002

Double Eagle Permit:	MI0044415
HVLI Project:	LI7491
Date Received:	May 29, 2002

ND = Parameter not detected at or above PQL.

PQL = Practical quantitation limit - The practical limit at which quantitation can be achieved. This limit is dependent on both matrix and dilution factors and may vary from one report to another. HVLI establishes the PQL at 5 times the minimum detection limit as defined in Appendix B of 40 CFR 136.

Approved by:

Robert S. Lynch
Laboratory Manager

Fred J. Hoitash
QC Review

/blp
Enclosure
r

9324 HARRISON ST.
ROMULUS, MI 48174
(734) 946-4990
FAX (734) 946-4887
1 (800) 231-4854

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www.huronvalleylabs.com

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200 S. COURT AVE. STE. 1
GAYLORD, MI 49735
(517) 732-5614
FAX (517) 732-7581
1 (800) 346-4854

Huron Valley Laboratories, Inc

Analytical Results Report

Sample description: Spillway
Sample date: 05/29/02
HVLI sample: L17491-1

Double Eagle Steel Coating
Dearborn, MI 48120-1413

Parameter	Result	Units	Qual	PQL	Date	Analyst
IGNITABILITY:						
Flash Point-closed cup	>200	deg F		0.00	06/05/02	PAG
CORROSIVITY:						
pH	11.99	SU		0.000	05/30/02	KSR
REACTIVITY:						
Cyanide, reactive	ND	mg/kg		0.010	05/31/02	IMR
REACTIVITY:						
Sulfides, reactive	ND	mg/kg		0.010	05/31/02	IMR
TCLP, EXTRACT LEVEL:						
Mercury	ND	mg/l		0.0010	05/31/02	MW
TCLP, EXTRACT LEVEL:						
Arsenic	ND	mg/l		0.020	05/31/02	LJJ
Barium	0.19	mg/l		0.0030	05/31/02	LJJ
Cadmium	ND	mg/l		0.0030	05/31/02	LJJ
Chromium	ND	mg/l		0.0020	05/31/02	LJJ
Lead	ND	mg/l		0.0070	05/31/02	LJJ
Selenium	ND	mg/l		0.040	05/31/02	LJJ
Silver	ND	mg/l		0.010	05/31/02	LJJ

Huron Valley Laboratories, Inc

Analytical Results Report

Sample description: Spillway
Sample date: 05/29/02
HVLI sample: L17491-2

Double Eagle Steel Coating
Dearborn, MI 48120-1413

Parameter	Result	Units	Qual	PQL	Date	Analyst
PCB 1221	ND	mg/l	5	0.0002	06/06/02	JJW
PCB 1016	ND	mg/l	5	0.0002	06/06/02	JJW
PCB 1232	ND	mg/l	5	0.0002	06/06/02	JJW
PCB 1242	ND	mg/l	5	0.0002	06/06/02	JJW
PCB 1248	ND	mg/l	5	0.0002	06/06/02	JJW
PCB 1254	ND	mg/l	5	0.0002	06/06/02	JJW
PCB 1260	ND	mg/l	5	0.0002	06/06/02	JJW
PCB 1262	ND	mg/l	5	0.0002	06/06/02	JJW
PCB 1268	ND	mg/l	5	0.0002	06/06/02	JJW
PCB, Total	ND	mg/l	5	0.0002	06/06/02	JJW

WASTE APPROVAL RECERTIFICATION FORM

Waste Approval Number: 4242 Customer Generator Code: 51

Generator Name: Double Eagle Steel Coating

Waste Common Name: Downturn Caustic Waste

Original Characterization Date: 07/17/02

Specific Process Generating the Waste:

Clean up of HCD (high current density) recirculation system for cleaning coiled steel prior To galvanizing.

Pursuant to the requirements outlined in Dynecol, Inc.'s Act 451 Part B Operating License, Section C-2e (iii), I hereby certify that the following waste stream has not changed from the original characterization over the past year. The process generating, composition, and waste characterization information originally profiled on the Dynecol, Inc. Waste Approval Form is accurate and complete.

I certify under penalty of law that I personally have examined and am familiar with the waste through analysis and testing or through knowledge of the waste, and I believe the information I submitted is true, accurate, and complete.

CHRISTOPHER McBEE
DOUBLE EAGLE STEEL
Generators Name (Please print or type)

6/13/2005
Date

Christopher McBee
Generators Signature

ENVIRONMENTAL ENGINEER
Title

DYNECOL USE ONLY
Approved by: M. Russell Expiration Date: 6/30/06

RECERTIFICATION FORM.DOC REVISED 5/14/2003

WASTE APPROVAL RECERTIFICATION FORM

Waste Approval Number: 4242 Customer Generator Code: 51

Generator Name: Double Eagle Steel Coating

Waste Common Name: Downturn Caustic Waste

Original Characterization Date: prior to 2000

Specific Process Generating the Waste:
Clean up of HCD (high current density) recirculation system for cleaning coiled steel prior to galvanizing.

Pursuant to the requirements outlined in Dynecol, Inc.'s Act 451 Part B Operating License, Section C-2e (iii), I hereby certify that the following waste stream has not changed from the original characterization over the past year. The process generating, composition, and waste characterization information originally profiled on the Dynecol, Inc. Waste Approval Form is accurate and complete.

I certify under penalty of law that I personally have examined and am familiar with the waste through analysis and testing or through knowledge of the waste, and I believe the information I submitted is true, accurate, and complete.

Mark Gornick
Generators Name (Please print or type)

6/17/03
Date

Mark Gornick
Generators Signature

Env Eng.
Title

DYNECOL USE ONLY
Approved by: M. Minnals

Expiration Date: 8/25/04

22345 Roethel Drive
Novi, MI 48375
248.344.1770
Fax 248.344.2654

Clayton
GROUP SERVICES

August 22. 2003

Mark Gornick
DOUBLE EAGLE STEEL COATING COMPANY
3000 Miller Road
Dearborn. MI 48120-

Clavton Work Order No. 03080496

Reference:

Dear Mark Gornick:

Clayton Group Services received 1 sample on 08/13/2003 for the analyses presented in the following report.

Enclosed is a copy of the Chain-of-Custody record, acknowledging receipt of these samples. Please note that any unused portion of the samples will be discarded 30 days after the date of this report, unless you have requested otherwise.

This material is confidential and is intended solely for the person to whom it is addressed. If this is received in error, please contact the number provided below.

We appreciate the opportunity to assist you. If you have any questions concerning this report, please contact a Client Services Representative at (800) 806-5887.

Sincerely,

Karen Coonan

Karen Coonan
Client Services Representative

cc:

Clayton GROUP SERVICES

CASE NARRATIVE

Date: *22-Aug-03*

CLIENT: DOUBLE EAGLE STEEL COATING COMPANY

Project:

Work Order No 03080496

The sample temperature upon receipt in the laboratory was an average of 8.9°C. (Samples were delivered to the laboratory approximately one hour after collection. This is not enough time for samples to cool down below 6°C.)

The TOC analysis was subcontracted to KAR Laboratories, Kalamazoo, MI.

Analytical comments:
The Clayton Novi Laboratory is NELAP and AIHA accredited. These accreditations require that we provide the following information on each report: As an analytical result progresses above the reporting limit (RL), it has less variability than a result reported at, or near, the RL.

Analytical Comments for Method 8082W, sample -001A: The recovery for the surrogate Tetrachloro-m-xylene was outside of the statistical limits. Also, the Reporting Limit is elevated. This is due to sample matrix interference.

Analytical Comments for Method TOC_W, sample -001C: Following acid preservation, this sample became biphasic. The (less dense) organic phase, which compromises approxiamately 5 percent of sample volume, could not be analyzed, due to matrix. Reported result represents concentration in aqueous phase.

ANALYTICAL RESULTS

Date: *22-Aug-03*

CLIENT: DOUBLE EAGLE STEEL COATING COMPANY **Client Sample ID:** DOWNTURN CAUSTIC

Work Order No: 03080496 **Tag Number:**

Project: **Collection Date:** 08/12/2003 3:00:00 PM

Lab ID: 03080496-001A **Matrix:** AQUEOUS

Analyses	Result	Reporting Limit	Qual	Units	DF	Date Analyzed
PCBS BY GC; METHOD EPA 8082						Analyst: **BVP**
Aroclor 1016	ND	2.0		µg/L	1	08/18/2003
Aroclor 1221	ND	2.0		µg/L	1	08/18/2003
Aroclor 1232	ND	2.0		µg/L	1	08/18/2003
Aroclor 1242	ND	2.0		µg/L	1	08/18/2003
Aroclor 1248	ND	2.0		µg/L	1	08/18/2003
Aroclor 1254	ND	2.0		µg/L	1	08/18/2003
Aroclor 1260	ND	2.0		µg/L	1	08/18/2003

Qualifiers:

ND - Not Detected at the Reporting Limit (RL).
J - Analyte detected below the Reporting Limit
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
T - Tentatively Identified Compound (TIC)

ANALYTICAL RESULTS

Clayton GROUP SERVICES

Date: *22-Aug-03*

CLIENT: DOUBLE EAGLE STEEL COATING COMPANY **Client Sample ID:** DOWNTURN CAUSTIC

Work Order No: 03080496 **Tag Number:**

Project: **Collection Date:** 08/12/2003 3:00:00 PM

Lab ID: 03080496-001B **Matrix:** LEACHATE

Analyses	Result	Reporting Limit	Qual	Units	DF	Date Analyzed
ICP METALS;LEACHATE: METHOD EPA 6010B						Analyst: **DH**
Arsenic	0.11	0.10		mg/L	1	08/18/2003
Barium	ND	0.10		mg/L	1	08/18/2003
Cadmium	ND	0.050		mg/L	1	08/18/2003
Chromium	ND	0.10		mg/L	1	08/18/2003
Lead	ND	0.10		mg/L	1	08/18/2003
Selenium	ND	0.20		mg/L	1	08/18/2003
Silver	ND	0.020		mg/L	1	08/18/2003
MERCURY; METHOD EPA 1311/7470A						Analyst: **CAW**
Mercury	ND	0.0010		mg/L	1	08/18/2003

Qualifiers:

ND - Not Detected at the Reporting Limit (RL).
J - Analyte detected below the Reporting Limit
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
T - Tentatively Identified Compound (TIC)

ANALYTICAL RESULTS

Date: *22-Aug-03*

CLIENT: DOUBLE EAGLE STEEL COATING COMPANY **Client Sample ID:** DOWNTURN CAUSTIC

Work Order No: 03080496 **Tag Number:**

Project: **Collection Date:** 08/12/2003 3:00:00 PM

Lab ID: 03080496-001C **Matrix:** AQUEOUS

Analyses	Result	Reporting Limit	Qual	Units	DF	Date Analyzed
IGNITABILITY; METHOD EPA 1010						Analyst: **LRB**
Ignitability	>200	0		°F	1	08/19/2003
PH, ELECTROMETRIC; METHOD EPA 9040B						Analyst: **MJR**
pH	14	1.0		pH Units	1	08/18/2003
REACTIVE CYANIDE, EPA SW 846 CHAPTER 7.3.3.2						Analyst: **CAC**
Reactive Cyanide	ND	0.10		mg/L	1	08/18/2003
REACTIVE SULFIDE; EPA SW 846 CHAPTER 7.3.4.2						Analyst: **CAC**
Reactive Sulfide	ND	100		mg/L	1	08/18/2003
TOTAL ORGANIC CARBON; METHOD: EPA 415.2						Analyst: **SUB**
Total Organic Carbon	1,200	100		mg/L	1	08/20/2003

Qualifiers:

ND - Not Detected at the Reporting Limit (RL).
J - Analyte detected below the Reporting Limit
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
T - Tentatively Identified Compound (TIC)

Tues per Depts.

REQUEST FOR LABORATORY ANALYTICAL SERVICES

Clayton GROUP SERVICES

IMPORTANT
Date Results Requested: 8/13/03
Rush Charges Authorized? ☒ Yes ☐ No
☒ Fax or ☒ E-mail Results
E-mail address: gornick@edesc.com

For Clayton Use Only
Clayton Lab Project No.
030804 96

REPORT RESULTS TO
Name: Mark Gornick
Company: Double Eagle Steel Coating Co
Dept.
Mailing Address: 3000 Miller Road
City, State, Zip: Dearborn MI 48120
Telephone No.: (313) 203-9829
FAX No.: 313 203-9829

Client Job No.

SEND INVOICE TO
Purchase Order No.
Name
Company
Dept.
Address
City, State, Zip

Special instructions and/or specific regulatory requirements:
(method, limit of detection, etc.)

* Explanation of Preservative

Samples are:
(check if applicable)
☐ Drinking Water
☐ Groundwater
☐ Wastewater

ANALYSIS REQUESTED
(Enter an 'X' in the box below to indicate request. Enter a 'P' if Preservative added.*)

CLIENT SAMPLE IDENTIFICATION	DATE SAMPLED	TIME SAMPLED	MATRIX/ MEDIA	AIR VOLUME (specify units)	Number of Containers	MIB	TCLP	RCI	TOC	TOTAL PCB						FOR LAB USE ONLY
Downtown Cassie	8/12/03	300pm	W		2	X	X	X	X							N

CHAIN OF CUSTODY
Collected by: Mark Gornick (print)
Collector's Signature: Mark Gornick
Relinquished by: Mark Gornick — Date/Time 8/13/03 7:00 AM
Received by: 8/13/03 — Date/Time 3:45
Relinquished by: — Date/Time
Received by: — Date/Time
Method of Shipment:
Received at Lab by: Dan Cy — Date/Time 8/13 712
Authorized by: Mark Gornick (Client Signature MUST Accompany Request) — Date 8/13/03
Sample Condition Upon Receipt: ☐ Acceptable ☒ Other (explain)

Please return completed form and samples to one of the Clayton Group Services, Inc. labs listed below:

Detroit Regional Lab
22345 Roethel Drive
Novi, MI 48375
(800) 806-5887
(248) 344-1770
FAX (248) 344-2655

Atlanta Regional Lab
3380 Chastain Meadows Parkway, Suite 300
Kennesaw, GA 30144
(800) 252-9919
(770) 499-7500
FAX (770) 423-4990

Seattle Regional Lab
4636 E. Marginal Way S., Suite 215
Seattle, WA 98134
(800) 568-7755
(206) 763-7364
FAX (206) 763-4189

DISTRIBUTION:
White = Clayton Laboratory
Yellow = Clayton Accounting
Pink = Client Copy

10.6
9.0

9/97 20K

DYNECOL
MID 074259565

DYNECOL, IN

6520 GEORGIA STREET
DETROIT, MICHIGAN 4821
PHONE: (313) 571-714
FAX: (313) 571-719

Recertification (Y) N

WASTE APPROVAL FORM

Approval # 4242

Code 51

I GENERAL INFORMATION

Customer: DOUBLE EAGLE STEEL COATING CO	Generator: SAME
Address: 3000 MILLER RD	Address:
City: DEARBORN	City:
State: MI Zip Code:	State: Zip Code:
Contact: MARK GURNICK	Contact:
Phone #: 313 203 9829 Fax: 313 203 9705	Phone #: Fax:
24 hour phone #:	EPA ID#: MID 092190

II WASTE DESCRIPTION

Waste Common Name: DOWNTURN CAUSTIC

Specific Process Generating the Waste: CLEAN-UP OF HCD (HIGH CURRENT DENSITY) RECIRCULATION SYSTEM FOR CLEANING COILED STEEL PRIOR TO GALVANIZING

WASTE COMPOSITION (must equal 100%):	ACTUAL %	MIN	MAX.
SODIUM HYDROXIDE SOL'N		90	95
DIRT/SEDIMENT		1	5
OIL		21	3

CIRCLE YES (Y) OR NO (N) TO THE FOLLOWING CHARACTERISTICS OR CONTAMINANTS

Carcinogen Y (N) Oxidizer Y (N) Organics (Y) N Explosives Y (N) Phenols Y (N) Hexavalent Chromium Y (N)
Radioactives Y (N) Poison Y (N) PCBs Y (N) Pesticides Y (N)

As defined in 40 CFR 268: (X) Non-wastewater ( ) Wastewater (LIQUID) SOLID SLURRY

Sample submitted to Dynecol: (Y) N Color: GRA

III RCRA/ACT 64 WASTE CHARACTERIZATION

This is a **hazardous** waste as defined by either Michigan Act 451 or EPA 40 CFR 261: Yes X No

If yes, list all waste codes: D002

This is a **non-hazardous** waste as defined by Michigan Act 451: Yes No X

If yes, list all waste codes:

This waste contains a toxicity characteristic of 40 CFR 261.24 identified as waste codes D018 through D043:
Yes No X * Unknown

If yes, list all waste codes:

* If based on generator knowledge, please read and understand certification in Section VI

Revised Jan '99

IV SHIPPING INFORMATION

Waste Volume: 2 ~ 10,000 UNIT: (circle one) GALLONS POUNDS DRUMS OTHER

Shipment Frequency: (circle one) WEEK MONTH QUARTER YEAR ONE TIME ONLY

DOT Proper Shipping Name per 49 CFR 172.101:
2Q, WASTE CORROSIVE LIQUID, N.O.S. (SODIUM HYDROXIDE)

DOT Hazard Class: 8 UN/NA Number: UN1760 Packing Group: I II III None

V COMMENTS

Source of TOC is from oil. There are no halogenated organic constituents used in process

VI GENERATOR CERTIFICATION

I certify under penalty of law that I personally have examined and am familiar with the waste through analysis and testing or through knowledge of the waste, and I believe that the information I submitted is true, accurate and complete.

Mark Goewey — 7 / 17 / 02
Generator Name (Please print or type) — Date

Mark Goewey — Env. Engr
Generator Signature — Title

VII WASTE ANALYSIS

MINIMUM ANALYTICAL REQUIREMENTS FOR HAZARDOUS WASTES ARE (All Methods per SW846).

- Flash, pH, and Reactives (Detection limit of 20ppm for Cyanide and Sulfide)
- PCBs, %HOCs (Method 9020), (Nickel and Thallium as necessary)
- TCLP metals: Arsenic, Barium, Cadmium, Chromium, Lead, Mercury, Selenium, Silver
- Michigan metals: Copper and Zinc (as necessary)

(The above items may be restricted from land disposal.)

LABORATORY ANALYSIS IS ATTACHED FOR THE ABOVE ITEMS:

Yes____ No____ Complete____ Partial____* MSDS____

* ____ Authorization for Dynecol to perform analysis as necessary

Purchase Order #____

VIII DYNECOL USE ONLY

Approval #: 4242

Treatment Facility: TPM CMF:

Approved by: M. Bussell Date: 9/4/02

Expiration date: 9/4/03

DYNECOL
MID 074259565

DYNECOL, INC.
(313) 571-7141

CERTIFICATION FORM
(Submit with waste approval package)

UNDERLYING CONSTITUENTS/VOLATILE ORGANIC COMPOUNDS (VOC)

APPROVAL NUMBER: 4242 **EPA ID NUMBER:** MID 984 092 190

GENERATOR NAME: DOUBLE EAGLE STEEL

EPA HAZARDOUS WASTE NUMBERS: D002

MANIFEST NUMBER (IF APPLICABLE): _____

PLEASE PLACE A CHECK MARK IN THE APPROPRIATE BOX:

- [ ] THIS WASTE IS NOT PROHIBITED FROM LAND DISPOSAL. (NOTE – ADDITIONAL CERTIFICATIONS MAY BE REQUIRED)
- [x] THIS WASTE IS PROHIBITED FROM LAND DISPOSAL.
- [x] THE WASTE DOES NOT CONTAIN UNDERLYING HAZARDOUS CONSTITUENTS LISTED IN 40 CFR 268.48 TABLE UTS-UNIVERSAL TREATMENT STANDARDS (EXCLUDING FLUORIDE, VANADIUM AND/OR ZINC).
- [ ] THE WASTE DOES CONTAIN UNDERLYING HAZARDOUS CONSTITUENTS LISTED IN 40 CFR 268.48 TABLE UTS-UNIVERSAL TREATMENT STANDARDS (EXCLUDING FLUORIDE, VANADIUM AND/OR ZINC).
- [x] THE WASTE DOES NOT CONTAIN VOLATILE ORGANIC COMPOUNDS GREATER THAN 500 PPM.
- [ ] THE WASTE DOES CONTAIN VOLATILE ORGANIC COMPOUNDS GREATER THAN 500 PPM.

NOTE: ADDITIONAL INFORMATION AS REQUIRED PER 40 CFR 268.7 GENERAL PAPERWORK REQUIREMENTS TABLE CAN BE FOUND IN THE ATTACHED DYNECOL WASTE APPROVAL FORM.

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE WASTE THROUGH ANALYSIS AND TESTING OR THROUGH KNOWLEDGE OF THE WASTE, AND BELIEVE THAT THE INFORMATION I SUBMITTED IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING A FALSE CERTIFICATION, INCLUDING A POSSIBILITY OF A FINE AND/OR IMPRISONMENT.

AUTHORIZED SIGNATURE	PRINTED NAME	DATE
[signature]	Mark Monnich	7/12/02

Clayton GROUP SERVICES

ANALYTICAL RESULTS

Date: *01-Aug-02*

CLIENT: DOUBLE EAGLE STEEL COATING COMPANY

Client Sample ID: DOWNTURN CAUSTIC CLEANUP

Work Order No: 02070765

Tag Number:

Project:

Collection Date: 07/22/2002

Lab ID: 02070765-001B

Matrix: LEACHATE

Analyses	Result	Reporting Limit	Qual	Units	DF	Date Analyzed
ICP METALS;LEACHATE: METHOD EPA 6010B						Analyst: **DH**
Arsenic	ND	0.10		mg/L	1	07/31/2002
Barium	1.3	0.10		mg/L	1	07/31/2002
Cadmium	ND	0.020		mg/L	1	07/31/2002
Chromium	ND	0.10		mg/L	1	07/31/2002
Copper	0.38	0.10		mg/L	1	07/31/2002
Lead	ND	0.10		mg/L	1	07/31/2002
Selenium	ND	0.20		mg/L	1	07/31/2002
Silver	ND	0.020		mg/L	1	07/31/2002
Zinc	2.5	0.10		mg/L	1	07/31/2002
MERCURY; METHOD EPA 1311/7470A						Analyst: **HAS**
Mercury	ND	0.0010		mg/L	1	07/31/2002

Qualifiers:

ND - Not Detected at the Reporting Limit (RL).
J - Analyte detected below the Reporting Limit
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
T - Tentatively Identified Compound (TIC)

ANALYTICAL RESULTS

Clayton GROUP SERVICES

Date: *30-Aug-02*

CLIENT: DOUBLE EAGLE STEEL COATING COMPANY

Client Sample ID: DOWNTURN CAUSTIC CLEANUP

Work Order No: 02080659

Tag Number:

Project:

Collection Date: 08/21/2002

Lab ID: 02080659-001A

Matrix: AQUEOUS

Analyses	Result	Reporting Limit	Qual	Units	DF	Date Analyzed
IGNITABILITY; METHOD EPA 1010						Analyst: **LRB**
Ignitability	>200	0		°F	1	08/26/2002
PCBS BY GC; METHOD EPA 8082						Analyst: **PKT**
Aroclor 1016	ND	0.40		µg/L	1	08/28/2002
Aroclor 1221	ND	0.40		µg/L	1	08/28/2002
Aroclor 1232	ND	0.40		µg/L	1	08/28/2002
Aroclor 1242	ND	0.40		µg/L	1	08/28/2002
Aroclor 1248	ND	0.40		µg/L	1	08/28/2002
Aroclor 1254	ND	0.40		µg/L	1	08/28/2002
Aroclor 1260	ND	0.40		µg/L	1	08/28/2002
REACTIVE CYANIDE, EPA SW 846 CHAPTER 7.3.3.2						Analyst: **KAR**
Reactive Cyanide	ND	0.10		mg/L	1	08/27/2002
REACTIVE SULFIDE; EPA SW 846 CHAPTER 7.3.4.2						Analyst: **KAR**
Reactive Sulfide	ND	100		mg/L	1	08/27/2002
TOTAL ORGANIC CARBON; METHOD: EPA 415.2						Analyst: **SUB**
Total Organic Carbon	2,200	500		mg/L	1	08/27/2002

Qualifiers:

ND - Not Detected at the Reporting Limit (RL)
J - Analyte detected below the Reporting Limit
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
T - Tentatively Identified Compound (TIC)

ANALYTICAL RESULTS

Clayton GROUP SERVICES

Date: *01-Aug-02*

CLIENT: DOUBLE EAGLE STEEL COATING COMPANY

Client Sample ID: DOWNTURN CAUSTIC CLEANUP

Work Order No: 02070765

Tag Number:

Project:

Collection Date: 07/22/2002

Lab ID: 02070765-001A

Matrix: AQUEOUS

Analyses	Result	Reporting Limit	Qual	Units	DF	Date Analyzed
PH; METHOD EPA 150.1						Analyst: **MJR**
pH	>12	1.0		pH Units	1	07/31/2002

Qualifiers:

ND - Not Detected at the Reporting Limit (RL).

J - Analyte detected below the Reporting Limit

B - Analyte detected in the associated Method Blank

* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

E - Value above quantitation range

T - Tentatively Identified Compound (TIC)

22345 Roethel Drive
Novi, MI 48375
248.344.1770
Fax 248.344.2654

Clayton
GROUP SERVICES

August 30, 2002

Mark Gornick
DOUBLE EAGLE STEEL COATING COMPANY
3000 Miller Road
Dearborn, MI 48120-

Clayton Work Order No. 02080659

Reference:

Dear Mark Gornick:

Clayton Group Services received 2 samples on 8/21/2002 for the analyses presented in the following report.

Enclosed is a copy of the Chain-of-Custody record acknowledging receipt of these samples. Please note that any unused portion of the samples will be discarded 30 days after the date of this report, unless you have requested otherwise.

This material is confidential and is intended solely for the person to whom it is addressed. If this is received in error, please contact the number provided below.

We appreciate the opportunity to assist you. If you have any questions concerning this report, please contact a Client Services Representative at (800) 806-5887.

Sincerely,

Karen Coonan

Karen Coonan
Client Services Representative

cc:

Clayton

CASE NARRATIVE

Date: *30-Aug-02*

CLIENT: DOUBLE EAGLE STEEL COATING COMPANY

Project:

Work Order No 02080659

Analytical comments:
The Clayton Novi Laboratory is NELAP and AIHA accredited. These accreditations require that we provide the following information on each report: As an analytical result progresses above the reporting limit (RL), it has less variability than a result reported at, or near, the RL.

Samples were received on August 21, 2002 at an average temperature of 15.5 degrees Celsius.

Total Organic Carbon was subcontracted to Lancaster Laboratories, Lancaster, PA.

Analytical Comments for Method 8082W, sample -001A: Regulatory limits of detection could not be achieved due to sample matrix and limited sample volume.

Analytical Comments for Method 8082W, sample -002A: Regulatory limits of detection could not be achieved due to sample matrix and limited sample volume.

WASTE APPROVAL RECERTIFICATION FORM

Waste Approval Number: 3754 Customer Generator Code: 51

Generator Name: Double Eagle Steel Coating

Waste Common Name: Tank 12

Original Characterization Date: 06/26/02

Specific Process ~~Generating the~~ Waste:

Sodium hydroxide & water used to remove oil from rolled steel. The material is used as substitute commercial cleaning product.

Pursuant to the requirements outlined in Dynecol, Inc.'s Act 451 Part B Operating License, Section C-2e (iii), I hereby certify that the following waste stream has not changed from the original characterization over the past year. The process generating, composition, and waste characterization information originally profiled on the Dynecol, Inc. Waste Approval Form is accurate and complete.

I certify under penalty of law that I personally have examined and am familiar with the waste through analysis and testing or through knowledge of the waste, and I believe the information I submitted is true, accurate, and complete.

CHRISTOPHER MCBEE
DOUBLE EAGLE STEEL
Generators Name (Please print or type)

6/13/2005
Date

Christopher McBee
Generators Signature

ENVIRONMENTAL ENGINEER
Title

DYNECOL USE ONLY
Approved by: M. Russell

Expiration Date: 6/30/06

DYNECOL, INC.
6520 GEORGIA STREET
DETROIT, MICHIGAN 48211
PHONE: (313) 571-7140
FAX: (313) 571-7190

WASTE APPROVAL FORM

RECERT: Y
APPROVAL # 3754

Code: (51)

I GENERAL INFORMATION

Customer: DOUBLE EAGLE STEEL COATING	Generator: SAME
Address: 3000 MILLER RD.	Address:
City: DEARBORN	City:
State: MI Zip Code: 48120	State: Zip Code:
Contact: GREG WINTERHALTER	Contact: Mark Gornick
Phone # 313-203-9829 Fax: 9706	Phone #: Fax:
24 hour phone #	EPA ID # MID981092190

II WASTE DESCRIPTION

Waste Common Name: TANK 12 WASTE

Specific Process Generating the Waste: SODIUM HYDROXIDE AND WATER USED TO REMOVE OIL FROM ROLLED STEEL.

WASTE COMPOSITION (must equal 100%)	Actual %	MIN.		MAX.
WATER		88%		92%
SODIUM HYDROXIDE		6%	-	10%
OIL		2%	-	6%
PHOSPHATE		2%	-	1%
ZINC		1%	-	1%
			-	
			-	
			-	

INDICATE YES(Y) OR NO(N) TO THE FOLLOWING CHARACTERISTICS OR CONTAMINANTS

Carcinogen	N	Oxidizer	N	Organics	Y	Explosives	N	Phenols	N	Hexavalent Chrome	N
Radioactive	N	Poison	N	PCBs	N	Pesticides	N				

As defined in 40 CFR 266: WASTEWATER LIQUID

Sample submitted to Dynecol: YES Color: PURPLE-BLACK

III RCRA / ACT 451 WASTE CHARACTERIZATION

This is a hazardous waste as defined by either Michigan Act 451 of EPA 40 CFR 261: N/A

This is a liquid non-hazardous waste as defined by Michigan Act 451: N/A

If yes, list all waste codes:

This waste contains a toxicity characteristic of 40 CFR 261.24 identified as waste codes D018 through D043: N/A

If yes, list all waste codes:

*If based on generator knowledge, please read and understand certification in Section VI

Revised 1/99

[redacted]

WASTE APPROVAL RECERTIFICATION FORM

Waste Approval Number: 3754 Customer Generator Code: 51

Generator Name: Double Eagle Steel Coating

Waste Common Name: Tank # 12 Waste (water, sodium hydroxide)

Original Characterization Date: prior to 2000

Specific Process Generating the Waste:
Sodium Hydroxide water used to remove oil from rolled steel. The material is used as a substitute commercial cleaning product.

Pursuant to the requirements outlined in Dynecol, Inc.'s Act 451 Part B Operating License, Section C-2e (iii), I hereby certify that the following waste stream has not changed from the original characterization over the past year. The process generating, composition, and waste characterization information originally profiled on the Dynecol, Inc. Waste Approval Form is accurate and complete.

I certify under penalty of law that I personally have examined and am familiar with the waste through analysis and testing or through knowledge of the waste, and I believe the information I submitted is true, accurate, and complete.

Mark Gornick
Generator's Name (Please print or type)

8/26/03
Date

Generator's Signature

ENV. ENG
Title

DYNECOL USE ONLY
Approved by: M. Russells Expiration Date: 9/12/04

RECERTIFICATION FORM.DOC REVISED 5/14/2003

WASTE APPROVAL RECERTIFICATION FORM

Waste Approval Number: 2443 Customer Generator Code: 51

Generator Name: Double Eagle Steel Coating

Waste Common Name: Alloy Plating Solution

Original Characterization Date: 04/08/03

Specific Process Generating the Waste:

Spent plating solution generated from electrogalvanizing operations. Zinc plating on carbon Steel.

Pursuant to the requirements outlined in Dynecol, Inc.'s Act 451 Part B Operating License, Section C-2e (iii), I hereby certify that the following waste stream has not changed from the original characterization over the past year. The process generating, composition, and waste characterization information originally profiled on the Dynecol, Inc. Waste Approval Form is accurate and complete.

I certify under penalty of law that I personally have examined and am familiar with the waste through analysis and testing or through knowledge of the waste, and I believe the information I submitted is true, accurate, and complete.

CHRISTOPHER MCBEE
Generators Name (Please print or type)

6/13/2005
Date

Christopher McBee
Generators Signature

ENVIRONMENTAL ENGINEER
Title

DYNECOL USE ONLY
Approved by: M. Dunnell

Expiration Date: 6/30/06

RECERTIFICATION FORM.DOC REVISED 5/14/2003

DYNECOL, INC.
6520 GEORGIA STREET
DETROIT, MICHIGAN 48211
PHONE: (313) 571-7140
FAX: (313) 571-7190

WASTE APPROVAL FORM

RECERT: Y
APPROVAL # 2443

Code: 51

I GENERAL INFORMATION

Customer: DOUBLE EAGLE STEEL COATING	Generator: SAME
Address: 3000 MILLER RD.	Address:
City: DEARBORN	City:
State: MI Zip Code: 48120	State: Zip Code:
Contact: Mark Gornick	Contact:
Phone # 313-203-9829 Fax: 9705	Phone #: Fax:
24 hour phone # 313-515-0752	EPA ID # MID981092190

II WASTE DESCRIPTION

Waste Common Name: ALLOY PLATING SOLUTION

Specific Process Generating the Waste: SPENT PLATING SOLUTION GENERATED FROM ELECTROGALVANIZING OPERATION. Zinc Plating on Carbon Steel

WASTE COMPOSITION (must equal 100%)	Actual %	MIN.		MAX.
ZINC		5%		10%
IRON CHLORIDE		4%	-	7%
HYDROCHLORIC ACID		0%	-	6%
CITRIC ACID		.05%	-	.2%
WATER		84%	-	88%
			-	
			-	
			-	

INDICATE YES(Y) OR NO(N) TO THE FOLLOWING CHARACTERISTICS OR CONTAMINANTS

Carcinogen	N	Oxidizer	N	Organics	N	Explosives	N	Phenols	N	Hexavalent Chrome	N
Radioactive	N	Poison	N	PCBs	N	Pesticides	N				

As defined in 40 CFR 268: NON-WASTEWATER LIQUID

Sample submitted to Dynecol: YES Color: ORANGE/YELLOW

III RCRA / ACT 451 WASTE CHARACTERIZATION

This is a hazardous waste as defined by either Michigan Act 451 of EPA 40 CFR 261: Y
D002, D007

This is a liquid non-hazardous waste as defined by Michigan Act 451: N
If yes, list all waste codes:

This waste contains a toxicity characteristic of 40 CFR 261.24 identified as waste codes D018 through D043: N

If yes, list all waste codes:

*If based on generator knowledge, please read and understand certification in Section VI

WASTE APPROVAL FORM PAGE 2

DYNECOL, INC.

APPROVAL # 2443 Code: 479

SHIPPING INFORMATION

WASTE VOLUME: 1 UNIT: GALLONS

~~SHIPMENT FREQUENCY:~~

DOT PROPER SHIPPING NAME PER 49 CFR 172.101:

WASTE CORROSIVE LIQUID, NOS (HYDROCHLORIC ACID)

DOT HAZARD CLASS: 8 UN/NA NUMBER: UN1760 PACKAGING GROUP: II

V COMMENTS

– Generator wishes to keep all codes

VI GENERATOR CERTIFICATION

I CERTIFY UNDER PENALTY OF LAW THAT I PERSONALLY HAVE EXAMINED AND AM FAMILIAR WITH THE WASTE THROUGH AND TESTING OR THROUGH KNOWLEDGE OF THE WASTE, AND I BELIEVE THAT THE INFORMATION I SUBMITTED IS TRUE, ACCURATE AND COMPLETE.

Mark Gornik
GENERATOR NAME (PLEASE PRINT OR TYPE)

4/8/03
DATE

Mark Gornik
GENERATOR SIGNATURE

Env. Eng
TITLE

VII WASTE ANALYSIS

MINIMUM ANALYTICAL REQUIREMENTS FOR HAZARDOUS WASTES ARE:

FLASH, pH, AND REACTIVES (DETECTION LIMIT OF 20ppm FOR CYANIDE AND SULFIDE)
PCBs, %HOCs, (METHOD 9020)
TCLP METALS: ARSENIC, BARIUM, CADMIUM, CHROMIUM, LEAD, MERCURY, SELENIUM, SILVER

LABORATORY ANALYSIS IS ATTACHED FOR THE ABOVE ITEMS:

YES: NO: COMPLETE: PARTIAL *: MSDS:

* _____ AUTHORIZATION FOR DYNECOL TO PERFORM ANALYSIS AS NECESSARY

PURCHASE ORDER # _____

VIII DYNECOL USE ONLY

APPROVAL NUMBER: 2443

TREATMENT FACILITY VMS CMF: _____

APPROVED BY: M. Durnell

EXPIRATION DATE: _____ DATE: 4/15/03

REVISED 1/99

DYNECOL
MID 074259565

DYNECOL, INC.
(313) 571-7141

CERTIFICATION FORM

(Submit with waste approval package)

UNDERLYING CONSTITUENTS/VOLATILE ORGANIC COMPOUNDS (VOC)

APPROVAL NUMBER: 2443 **EPA ID NUMBER:** MID981092190

GENERATOR NAME: Double Eagle Steel

EPA HAZARDOUS WASTE NUMBERS: D002, D007

MANIFEST NUMBER (IF APPLICABLE): —

PLEASE PLACE A CHECK MARK IN THE APPROPRIATE BOX:

- [ ] THIS WASTE IS NOT PROHIBITED FROM LAND DISPOSAL. (NOTE – ADDITIONAL CERTIFICATIONS MAY BE REQUIRED)
- [x] THIS WASTE IS PROHIBITED FROM LAND DISPOSAL.
- [ ] THE WASTE DOES NOT CONTAIN UNDERLYING HAZARDOUS CONSTITUENTS LISTED IN 40 CFR 268.48 TABLE UTS-UNIVERSAL TREATMENT STANDARDS (EXCLUDING FLUORIDE, VANADIUM AND/OR ZINC).
- [x] THE WASTE DOES CONTAIN UNDERLYING HAZARDOUS CONSTITUENTS LISTED IN 40 CFR 268.48 TABLE UTS-UNIVERSAL TREATMENT STANDARDS (EXCLUDING FLUORIDE, VANADIUM AND/OR ZINC).
- [x] THE WASTE DOES NOT CONTAIN VOLATILE ORGANIC COMPOUNDS GREATER THAN 500 PPM.
- [ ] THE WASTE DOES CONTAIN VOLATILE ORGANIC COMPOUNDS GREATER THAN 500 PPM.

NOTE: ADDITIONAL INFORMATION AS REQUIRED PER 40 CFR 268.7 GENERAL PAPERWORK REQUIREMENTS TABLE CAN BE FOUND IN THE ATTACHED DYNECOL WASTE APPROVAL FORM.

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE WASTE THROUGH ANALYSIS AND TESTING OR THROUGH KNOWLEDGE OF THE WASTE, AND BELIEVE THAT THE INFORMATION I SUBMITTED IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING A FALSE CERTIFICATION, INCLUDING A POSSIBILITY OF A FINE AND/OR IMPRISONMENT.

AUTHORIZED SIGNATURE	PRINTED NAME	DATE
Mark Gornick	Mark Gornick	4/8/03

utsp8.xls revised 8/95

TABLE UTS– 268.48 UNIVERSAL TREATMENT STANDARDS

ORGANIC CONSTITUENTS	ww-mg/L	nwww-mg/kg	ORGANIC CONSTITUENTS	ww-mg/L	nwww-mg/kg	ORGANIC CONSTITUENTS	ww-mg/L	nwww-mg/kg	ORGANIC CONSTITUENTS	ww-mg/L	nwww-mg/kg
A2213	0.042	1.4	m-Cresol	0.11	5.6	Fluoranthene	0.068	3.4	Phenol	0.039	6.2
Acenaphthene	0.059	3.4	p-Cresol	0.77	5.6	Fluorene	0.059	3.4	o-Phenylenediamine	0.056	5.6
A[illegible]hthylene	0.059	3.4	o-Cresol	0.77	5.6	Formetanate hydrochloride	0.056	1.4	Phorate	0.021	4.6
Acetone	0.28	160	m-Cumenyl methylcarbamate	0.056	1.4	Formparanate	0.056	1.4	Phthalic acid	0.055	28
Acetonitrile	5.6	38	Cyclohexanone	0.36	75 mg/L	Heptachlor	0.0012	0.066	Phthalic anhydride	0.055	28
Acetophenone	0.010	9.7	o,p'-DDD	0.023	0.087	Heptachlor epoxide	0.016	0.0066	Physostigmine	0.056	1.4
2-Acetylaminofluorene	0.059	140	p,p'-DDD	0.023	0.087	Hexachlorobenezene	0.055	10	Physostigmine salicylate	0.056	1.4
Acrolein	0.29	NA	o,p'-DDE	0.031	0.087	Hexachlorobutadiene	0.055	5.6	Promecarb	0.056	1.4
Acrylamide	19	23	p,p'-DDE	0.031	0.087	Hexachlorocyclopentadiene	0.057	2.4	Pronamide	0.093	1.5
Acrylonitrile	0.24	84	o,p'-DDT	0.0039	0.087	hexachlorodibenzo-furans	0.000063	0.001	Propham	0.056	1.4
Aldecarb sulfone	0.056	0.28	p,p'-DDT	0.0039	0.087	Hexachlorodibenzo-p-dioxins	0.000063	0.001	Propoxur	0.056	1.4
Aldrin	0.021	0.066	Dibenz(a,h)anthracene	0.055	8.2	Hexachloroethane	0.055	30	Prosulfocarb	0.042	1.4
4-Aminobiphenyl	0.13	NA	Dibenzo(a,e)pyrene	0.061	NA	Hexachloropropylene	0.035	30	Pyrene	0.067	8.2
Aniline	0.81	14	1,2-Dibromo-3-chloropropane	0.11	15	Indeno(1,2,3-c,d) pyrene	0.0055	3.4	Pyridine	0.014	16
Anthracene	0.059	3.4	1,2-Dibromoethane(Ethylene dibromide)	0.028	15	Iodomethane	0.19	65	Safrole	0.081	22
Aramite	0.36	NA	Dibromoethane	0.11	15	Isobutanol	5.6	170	1,2,4,5-Tetrachlorobenzene	0.055	14
Barban	0.056	1.4	m-Dichlorobenzene	0.036	6.0	Isodrin	0.021	0.066	Tetrachlorodibenzo-furans	0.000063	0.001
Bendiocarb	0.056	1.4	o-Dichlorobenzene	0.088	6.0	Isolan	0.056	1.4	Tetrachlorodibenzo-p-dioxins	0.000063	0.001
Bendiocarb phenol	0.056	1.4	p-Dichlorobenzene	0.09	6.0	Isosafrole	0.081	2.6	1,1,1,2-Tetrachloroethane	0.057	6.0
Benomyl	0.056	1.4	Dichlorodifluoromethane	0.23	7.2	Kepone	0.0011	0.13	1,1,2,2-Tetrachloroethane	0.057	6.0
alpha-BHC	0.0001	0.066	1,1-Dichloroethane	0.059	6.0	Methacrylonitrile	0.24	84	Tetrachloroethylene	0.056	6.0
beta-BHC	0.0001	0.066	1,2-Dichloroethane	0.21	6.0	Methanol	5.6	75 mg/L	2,3,4,6-Tetrachlorophenol	0.030	7.4
delta-BHC	0.023	0.066	1,1-Dichloroethylene	0.025	6.0	Methapyrilene	0.081	1.5	Thiodicarb	0.019	1.4
gamma-BHC	0.0017	0.066	trans-1,2-Dichloroethylene	0.054	30	Methiocarb	0.056	1.4	Thiophanate-methyl	0.056	1.4
Benzal Chloride	0.055	6.0	2,4-Dichlorophenol	0.044	14	Methomyl	0.028	0.14	Tirpate	0.056	0.28
Benz(a)anthracene	0.059	3.5	2,6-Dichlorophenol	0.044	14	Methoxychlor	0.25	0.18	Toluene	0.080	10
Benzene	0.14	10	2,4-D	0.72	10	3-Methylcholanthrene	0.0055	15	Toxaphene	0.0095	2.6
Benzo(b)fluoranthene	0.11	6.8	1,2-Dichloropropane	0.85	18	4,4-Methylene bis(2-chloraniline)	0.50	30	Triallate	0.042	1.4
Benzo(k)fluoranthene	0.11	6.8	cis-1,3-Dichloropropylene	0.036	18	Methylene chloride	0.089	30	1,2,4-Trichlorobenzene	0.055	19
Benzo(g,h,I) perylene	0.0055	1.8	trans-1,3-Dichchloropropylene	0.036	18	Methyl ethyl ketone	0.28	36	1,1,1-Trichloroethane	0.054	6.0
Benzo(a) pyrene	0.061	3.4	Dieldrin	0.017	0.13	Methyl isobutyl ketone	0.14	33	1,1,2-Trichloroethane	0.054	6.0
bis(2-Chloroethoxy) methane	0.036	7.2	Diethyl phthalate	0.20	28	Methyl methacrylate	0.14	160	Trichloroethylene	0.054	6.0
bis(2-Chloroethyl) ether	0.033	6.0	Diethylene glycol, dicarbamate	0.056	1.4	Methyl methansulfonate	0.018	NA	Trichlorofluoromethane	0.020	30
bis(2-Ethylhexyl) phthalate	0.28	28	p-Dimethylaminoazobenzen	0.13	NA	Methyl parathion	0.014	4.6	2,4,5-Trichlorophenol	0.018	7.4
Bromodichloromethane	0.35	15	2,4-Dimethylphenol	0.036	14	Metolcarb	0.056	1.4	2,4,6-Trichlorophenol	0.035	7.4
Bromoform (Tribromomethane)	0.63	15	Dimethyl phthalate	0.047	28	Mexacarbate	0.056	1.4	2,4,5-T	0.72	7.9
Bromomethane (Methyl bromide)	0.11	15	Dimetilan	0.056	1.4	Molinate	0.042	1.4	2,4,5-TP (Silvex)	0.72	7.9
4-Bromophenyl phenyl ether	0.055	15	Di-n-butyl phthalate	0.057	28	2-Naphthylamine	0.52	NA	1,2,3-Trichloropropane	0.85	30
n-Butanol (n-Butyl alcohol)	5.6	2.6	1,4-Dinitrobenzene	0.32	2.3	Naphthalene	0.059	5.6	1,1,2-Trichloro-1,2,2-trifluoroethane	0.057	30
Butyl benzyl phhthalate	0.017	28	4,6-Dinitro-o-cresol	0.28	160	o-Nitroaniline	0.27	14	Triethylamine	0.081	1.5
Butylate	0.042	1.4	2,4-Dinitrophenol	0.12	160	p-Nitrolaniline	0.028	28	Tris(2,3-Dibromopropyl) phosphate	0.11	0.10
2-sec-Butyl-4,6-dinitrophenol (Dinoseb)	0.066	2.5	2,4-Dinitrotoluene	0.32	140	Nitrobenezene	0.068	14	Vernolate	0.042	1.4
Carbaryl	0.006	0.14	2,6-Dinitrotoluene	0.55	28	5-Nitro-o-toluidine	0.32	28	Vinyl chloride	0.27	6.0
Carbendazim	0.056	1.4	Di-n-octyl phthalate	0.017	28	o-Nitrophenol	0.028	13	Xylene-sum of mixed isomers	0.32	30
Carbofuran	0.006	0.14	Di-n-propylnitrosamine	0.40	14	p-Nitrophenol	0.12	29	METALS AND INORGANICS	ww-mg/L	nwww-mg/L
Carbofuran phenol	0.056	1.4	1,4-Dioxane	12.0	170	N-Nitroso-di-n-butylamine	0.40	17	Antimony	1.9	1.15
Carbon disulfide	3.8	4.8 mg/L	Diphenylamine	0.92	13	N-Nitrosodiethylamine	0.40	28	Arsenic	1.4	5.0
Carbon tetrachloride	0.057	6.0	Diphenylnitrosamine	0.92	13	N-Nitrosodimethylamine	0.40	2.3	Barium	1.2	21
Carbosulfan	0.028	1.4	1,2-Diphenyl hydrazine	0.087	NA	N-Nitrosomethylethylamine	0.40	2.3	Beryllium	0.82	1.22
Chlordane (alpha and gamma)	0.0033	0.26	Disulfoton	0.017	6.2	N-Nitrosomorpholine	0.40	2.3	Cadmium	0.69	0.11
p-Chloroaniline	0.46	16	Dithiocarbamates (total)	0.028	28	N-Nitrosopiperidine	0.013	35	X Chromium (Total)	2.77	0.60
Chlorobenzene	0.057	6.0	Endosulfan I	0.023	0.066	N-Nitrosopyrrolidine	0.013	35	Cyanide (Total)	1.2	590
Chlorobenzilate	0.10	NA	Endosulfan II	0.029	0.13	Oxamyl	0.056	0.28	Cyanide (Amenable)	0.86	30
2-Chloro-1,3-butadiene	0.057	0.28	Endosulfan sulfate	0.029	0.13	Parathion	0.014	4.6	Fluoride*	35	NA
Chlorodibromomethane	0.057	15	Endrin	0.0028	0.13	Total PCB's	0.10	10	Lead	0.69	0.75
Chloroethane	0.27	6.0	Endrin aldehyde	0.025	0.13	Pebulate	0.042	1.4	Mercury (retort residues)	NA	0.20
Chloroform	0.046	6.0	EPTC	0.042	1.4	Pentachlorobenzene	0.055	10	Mercury (all others)	0.15	0.025
p-Ch[illegible]-cresol	0.018	14	Ethyl acetate	0.34	33	Pentachlorodibenzo-p-dioxins	0.000063	0.001	Nickel	3.98	11
2-Chloroethyl vinyl ether	0.062	NA	Ethyl benzene	0.057	10	Pentachlordibenzo-furans	0.000035	0.001	Selenium	0.82	5.7
Chloromethane (Methyl Chloride)	0.19	30	Ethyl cyanide (Propanenitrile)	0.24	360	Pentachloroethane	0.055	6.0	Silver	0.43	0.14
2-Chloronaphthalene	0.055	5.6	Ethyl ether	0.12	160	Pentachloronitrobenzene	0.055	4.8	Sulfide	14	NA
2-Chlorophenol	0.044	5.7	Ethyl methacrylate	0.14	160	Pentachlorophenol	0.089	7.4	Thallium	1.4	0.20
3-Chloropropylene	0.036	30	Ethylene oxide	0.12	NA	Phenacetin	0.081	16	Vanadium*	4.3	1.6
Chrysene	0.059	3.4	Famphur	0.017	15	Phenanthrene	0.059	5.6	Zinc*	2.61	4.3

* Fluoride, Vanadium, and Zinc are not "Underlying hazardous constituents" in characteristic wastes, according to the definition at 268.2(i).

22345 Roethel Drive
Novi, MI 48375
248.344.1770
Fax 248.344.2654

Clayton GROUP SERVICES

March 26, 2003

Mark Gornick
DOUBLE EAGLE STEEL COATING COMPANY
3000 Miller Road
Dearborn, MI 48120-

Clayton Work Order No. 03030792

Reference:

Dear Mark Gornick:

Clayton Group Services received 2 samples on 03/24/2003 for the analyses presented in the following report.

Enclosed is a copy of the Chain-of-Custody record, acknowledging receipt of these samples. Please note that any unused portion of the samples will be discarded 30 days after the date of this report, unless you have requested otherwise.

This material is confidential and is intended solely for the person to whom it is addressed. If this is received in error, please contact the number provided below.

We appreciate the opportunity to assist you. If you have any questions concerning this report, please contact a Client Services Representative at (800) 806-5887.

Sincerely,

Karen Coonan

Karen Coonan
Client Services Representative

cc:

Clayton Group Services

ANALYTICAL RESULTS

Date: *26-Mar-03*

CLIENT: DOUBLE EAGLE STEEL COATING COMPANY
Work Order No: 03030792
Project:
Lab ID: 03030792-001B

Client Sample ID: ALLOY PLATING SOLUTION
Tag Number:
Collection Date: 03/22/2003
Matrix: LEACHATE

Analyses	Result	Reporting Limit	Qual	Units	DF	Date Analyzed
ICP METALS;LEACHATE: METHOD EPA 6010B						Analyst: DH
Arsenic	ND	0.10		mg/L	1	03/25/2003
Barium	0.22	0.10		mg/L	1	03/25/2003
Cadmium	ND	0.050		mg/L	1	03/25/2003
Chromium	0.62	0.10		mg/L	1	03/25/2003
Lead	0.11	0.10		mg/L	1	03/25/2003
Selenium	ND	0.20		mg/L	1	03/25/2003
Silver	ND	0.020		mg/L	1	03/25/2003
MERCURY; METHOD EPA 1311/7470A						Analyst: RS
Mercury	ND	0.0010		mg/L	1	03/26/2003

Qualifiers:

ND - Not Detected at the Reporting Limit (RL).
J - Analyte detected below the Reporting Limit
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
T - Tentatively Identified Compound (TIC)

Clayton GROUP SERVICES

ANALYTICAL RESULTS

Date: *26-Mar-03*

CLIENT: DOUBLE EAGLE STEEL COATING COMPANY
Client Sample ID: ALLOY PLATING SOLUTION
Work Order No: 03030792
Tag Number:
Project:
Collection Date: 03/22/2003
Lab ID: 03030792-001C
Matrix: AQUEOUS

Analyses	Result	Reporting Limit	Qual	Units	DF	Date Analyzed
IGNITABILITY; METHOD EPA 1010						Analyst: CAC
Ignitability	>200	0		°F	1	03/25/2003
PH, ELECTROMETRIC; METHOD EPA 9040B						Analyst: CAC
pH	<1	1.0		pH Units	1	03/24/2003 1:05:00 PM
REACTIVE CYANIDE, EPA SW 846 CHAPTER 7.3.3.2						Analyst: CAC
Reactive Cyanide	ND	0.10		mg/L	1	03/25/2003
REACTIVE SULFIDE; EPA SW 846 CHAPTER 7.3.4.2						Analyst: CAC
Reactive Sulfide	ND	100		mg/L	1	03/25/2003

Qualifiers:

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J - Analyte detected below the Reporting Limit
B - Analyte detected in the associated Method Blank
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S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
T - Tentatively Identified Compound (TIC)

Clayton

ANALYTICAL RESULTS

Date: *26-Mar-03*

CLIENT: DOUBLE EAGLE STEEL COATING COMPANY
Client Sample ID: ALLOY PLATING SOLUTION
Work Order No: 03030792
Tag Number:
Project:
Collection Date: 03/22/2003
Lab ID: 03030792-001E
Matrix: AQUEOUS

Analyses	Result	Reporting Limit	Qual	Units	DF	Date Analyzed
TOTAL ORGANIC CARBON; METHOD: EPA 9060						Analyst: SUB
Total Organic Carbon	35	10		mg/L	1	03/25/2003

Qualifiers:

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J - Analyte detected below the Reporting Limit
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
T - Tentatively Identified Compound (TIC)

Clayton GROUP SERVICES

ANALYTICAL RESULTS

Date: *26-Mar-03*

CLIENT: DOUBLE EAGLE STEEL COATING COMPANY
Client Sample ID: ALLOY PLATING SOLUTION
Work Order No: 03030792
Tag Number:
Project:
Collection Date: 03/22/2003
Lab ID: 03030792-001D
Matrix: AQUEOUS

Analyses	Result	Reporting Limit	Qual	Units	DF	Date Analyzed
PCBS BY GC; METHOD EPA 8082						Analyst: JF
Aroclor 1016	ND	0.10		µg/L	1	03/25/2003
Aroclor 1221	ND	0.10		µg/L	1	03/25/2003
Aroclor 1232	ND	0.10		µg/L	1	03/25/2003
Aroclor 1242	ND	0.10		µg/L	1	03/25/2003
Aroclor 1248	ND	0.10		µg/L	1	03/25/2003
Aroclor 1254	ND	0.10		µg/L	1	03/25/2003
Aroclor 1260	ND	0.10		µg/L	1	03/25/2003

Qualifiers:

ND - Not Detected at the Reporting Limit (RL).
J - Analyte detected below the Reporting Limit
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
T - Tentatively Identified Compound (TIC)

Clayton GROUP SERVICES

CASE NARRATIVE

Date: *26-Mar-03*

CLIENT: DOUBLE EAGLE STEEL COATING COMPANY

Project:

Work Order No 03030792

Analytical comments:
The Clayton Novi Laboratory is NELAP and AIHA accredited. These accreditations require that we provide the following information on each report: As an analytical result progresses above the reporting limit (RL), it has less variability than a result reported at, or near, the RL.

Analytical Comments for Method PH_9040, sample -002C: The pH was done on the water layer only.

Analytical Comments for Method PH_9040, sample -001C and -002c: Samples were analyzed for pH outside of the recommended EPA holding time of "immediately".

The Total Organic Carbon analysis was subcontracted to KAR Laboratories, Kalamazoo, MI.

Clayton GROUP SERVICES

REQUEST FOR LABORATORY ANALYTICAL SERVICES

IMPORTANT
Date Results Requested: _____
Rush Charges Authorized? ☐ Yes ☐ No
☒ Fax or ☐ E-mail Results
E-mail address: _____

Page ___ of ___

For Clayton Use Only
Clayton Lab Project No.
03030792

REPORT RESULTS TO

Name	Mark Gornick	Client Job No.	
Company	Double Eagle Steel	Dept.	
Mailing Address	3000 Miller Rd.		
City, State, Zip	Dearborn Mich 48120		
Telephone No.	(313) 203-9829	FAX No.	(313) 203-9705

SEND INVOICE TO

Purchase Order No.	
Name	
Company	Dept.
Address	
City, State, Zip	

Special instructions and/or specific regulatory requirements:
(method, limit of detection, etc.)

Samples are:
(check if applicable)
☐ Drinking Water
☐ Groundwater
☒ Wastewater

* Explanation of Preservative

ANALYSIS REQUESTED
(Enter an 'X' in the box below to indicate request. Enter a 'P' if Preservative added.*)

CLIENT SAMPLE IDENTIFICATION	DATE SAMPLED	TIME SAMPLED	MATRIX/ MEDIA	AIR VOLUME (specify units)	Number of Containers	MI 8 TCLP	RCI	TOTAL RCB	TOC						FOR LAB USE ONLY
Alloy Plating Solution	3/22		W		3	X	X	X	X						P H = 2/2/N

CHAIN OF CUSTODY

Collected by: Ron Warden (print)		Collector's Signature:	
Relinquished by: Ron Warden	Date/Time	Received by: 3/22/03	Date/Time 10:10
Relinquished by:	Date/Time	Received by:	Date/Time
Method of Shipment:		Received at Lab by: Susan Sugg	Date/Time 3/24/03 11:00am
Authorized by: Ron Warden (Client Signature MUST Accompany Request)	Date	Sample Condition Upon Receipt: ☐ Acceptable ☐ Other (explain)	

Please return completed form and samples to one of the Clayton Group Services, Inc. labs listed below:

Detroit Regional Lab
22345 Roethel Drive
Novi, MI 48375
(800) 806-5687
(248) 344-1770
FAX (248) 344-2655

Atlanta Regional Lab
3380 Chastain Meadows Parkway, Suite 300
Kennesaw, GA 30144
(800) 252-9919
(770) 499-7500
FAX (770) 423-4990

Seattle Regional Lab
4636 E. Marginal Way S., Suite 216
Seattle, WA 98134
(800) 568-7755
(206) 763-7364
FAX (206) 763-4189

16.9
16.4
16.7

DISTRIBUTION:
White = Clayton Laboratory
Yellow = Clayton Accounting
Pink = Client Copy

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