



MEMORANDUM

[Handwritten signature and date 4/26/24]

FOR : The OIC, Regional Director
This Office

THRU : The Chief, Mine Management Division
This Office

FROM : The Undersigned
MLSS, MMD
This Office

SUBJECT : **SURVEY/VALIDATION REPORT ON THE MINERAL ORE
EXPORT PERMIT CONDUCTED AT PORT OF KIMAYA, JASAAN,
MISAMIS ORIENTAL**

This is to respectfully endorse the findings of our recent survey/validation concerning the vessel or barge "ASLCO 3005" before the commence of loading 5,000 cubic meters aggregates supplied by Gravelden, Inc., which was carried out at the Port of Kimaya, Jasaan, Misamis Oriental on April 25, 2024.

For information of the Regional Director.

[Handwritten signature]
JAY A. SIMEON
Engr. III, MLSS

[Handwritten signature]
HANNAH BENNETT ALTHEA CANUBIDA
GIS Specialist B

Noted by:

[Handwritten signature]
JANICE B. FUROG
Chief, MMD



MINERAL ORE EXPORT PERMIT SHIPMENT VALIDATION

Name of Applicant	:	GRAVELDEN, INC. Represented by Eden T. Huang
Permit No.	:	IP-000011-x (1 st RENEWAL)
MOEP No.	:	MOEP-MGB-X-2024-04-003
Date of Issuance of MOEP	:	APRIL 12, 2024
MOEP Validity	:	THIRTY DAYS FROM DATE OF ISSUANCE/RELEASE
Name of Transporter/Cargo/Vessel	:	BG "ASLCO 3005"
Type of Mineral Commodity Loaded	:	WASHED SAND, G1, AND ¾ GRAVEL
Volume of Mineral Loaded	:	3,605 cubic meter equivalent to 7,210 MT
Estimated Gross Value of Mineral	:	PHP 6,500,000.00
Destination	:	YAP-FEDERATED STATE OF MICRONESIA
Findings:	:	<p>Upon our arrival at the shipping port, it was observed that the materials had already been loaded onto the barge. Thus, a meticulous inspection of the materials was initiated to ascertain their volume.</p> <p>In support of this assessment, we meticulously totaled the quantity of all materials based on the logbook entries, which allowed us to calculate the entire cubic meter volume. Subsequently, this volume was converted to Metric Tons utilizing a Specific Gravity value of 2, ensuring accuracy in our calculations.</p> <p>Furthermore, to validate our findings, we compared the obtained results with the draft survey report conducted independently by AMKARDY CARGO INSPECTION SERVICES (ACIS). Remarkably, both results appeared to be closely similar, affirming the accuracy and reliability of our validation process.</p>
Remarks	:	<p>The volume of mineral loaded did not exceed the permitted volume of 5000 cubic meters.</p> <p>In addition, the volume of 3,605 cubic meters is equivalent to 7,210 MT, which is slightly less than 7,463.952 MT from the draft survey report conducted by AMKARDY CARGO INSPECTION SERVICES (ACIS).</p>

DOCUMENTATIONS



Figure 1. BG "ASLCO 3005"

IN	OUT	FLY #	FLY #	EXTRACT NAME	BLK	ACQ	ST	NO	DATE
20	10	101	101	ASLCO 3005	70	101	70	101	101
21	11	102	102	ASLCO 3005	70	102	70	102	102
22	12	103	103	ASLCO 3005	70	103	70	103	103
23	13	104	104	ASLCO 3005	70	104	70	104	104
24	14	105	105	ASLCO 3005	70	105	70	105	105
25	15	106	106	ASLCO 3005	70	106	70	106	106
26	16	107	107	ASLCO 3005	70	107	70	107	107
27	17	108	108	ASLCO 3005	70	108	70	108	108
28	18	109	109	ASLCO 3005	70	109	70	109	109
29	19	110	110	ASLCO 3005	70	110	70	110	110
30	20	111	111	ASLCO 3005	70	111	70	111	111
31	21	112	112	ASLCO 3005	70	112	70	112	112
32	22	113	113	ASLCO 3005	70	113	70	113	113
33	23	114	114	ASLCO 3005	70	114	70	114	114
34	24	115	115	ASLCO 3005	70	115	70	115	115
35	25	116	116	ASLCO 3005	70	116	70	116	116
36	26	117	117	ASLCO 3005	70	117	70	117	117
37	27	118	118	ASLCO 3005	70	118	70	118	118
38	28	119	119	ASLCO 3005	70	119	70	119	119
39	29	120	120	ASLCO 3005	70	120	70	120	120
40	30	121	121	ASLCO 3005	70	121	70	121	121
41	31	122	122	ASLCO 3005	70	122	70	122	122
42	32	123	123	ASLCO 3005	70	123	70	123	123
43	33	124	124	ASLCO 3005	70	124	70	124	124
44	34	125	125	ASLCO 3005	70	125	70	125	125
45	35	126	126	ASLCO 3005	70	126	70	126	126
46	36	127	127	ASLCO 3005	70	127	70	127	127
47	37	128	128	ASLCO 3005	70	128	70	128	128
48	38	129	129	ASLCO 3005	70	129	70	129	129
49	39	130	130	ASLCO 3005	70	130	70	130	130
50	40	131	131	ASLCO 3005	70	131	70	131	131
51	41	132	132	ASLCO 3005	70	132	70	132	132
52	42	133	133	ASLCO 3005	70	133	70	133	133
53	43	134	134	ASLCO 3005	70	134	70	134	134
54	44	135	135	ASLCO 3005	70	135	70	135	135
55	45	136	136	ASLCO 3005	70	136	70	136	136
56	46	137	137	ASLCO 3005	70	137	70	137	137
57	47	138	138	ASLCO 3005	70	138	70	138	138
58	48	139	139	ASLCO 3005	70	139	70	139	139
59	49	140	140	ASLCO 3005	70	140	70	140	140
60	50	141	141	ASLCO 3005	70	141	70	141	141
61	51	142	142	ASLCO 3005	70	142	70	142	142
62	52	143	143	ASLCO 3005	70	143	70	143	143
63	53	144	144	ASLCO 3005	70	144	70	144	144
64	54	145	145	ASLCO 3005	70	145	70	145	145
65	55	146	146	ASLCO 3005	70	146	70	146	146
66	56	147	147	ASLCO 3005	70	147	70	147	147
67	57	148	148	ASLCO 3005	70	148	70	148	148
68	58	149	149	ASLCO 3005	70	149	70	149	149
69	59	150	150	ASLCO 3005	70	150	70	150	150

IN	OUT	FLY #	FLY #	EXTRACT NAME	BLK	ACQ	ST	NO	DATE
20	10	101	101	ASLCO 3005	70	101	70	101	101
21	11	102	102	ASLCO 3005	70	102	70	102	102
22	12	103	103	ASLCO 3005	70	103	70	103	103
23	13	104	104	ASLCO 3005	70	104	70	104	104
24	14	105	105	ASLCO 3005	70	105	70	105	105
25	15	106	106	ASLCO 3005	70	106	70	106	106
26	16	107	107	ASLCO 3005	70	107	70	107	107
27	17	108	108	ASLCO 3005	70	108	70	108	108
28	18	109	109	ASLCO 3005	70	109	70	109	109
29	19	110	110	ASLCO 3005	70	110	70	110	110
30	20	111	111	ASLCO 3005	70	111	70	111	111
31	21	112	112	ASLCO 3005	70	112	70	112	112
32	22	113	113	ASLCO 3005	70	113	70	113	113
33	23	114	114	ASLCO 3005	70	114	70	114	114
34	24	115	115	ASLCO 3005	70	115	70	115	115
35	25	116	116	ASLCO 3005	70	116	70	116	116
36	26	117	117	ASLCO 3005	70	117	70	117	117
37	27	118	118	ASLCO 3005	70	118	70	118	118
38	28	119	119	ASLCO 3005	70	119	70	119	119
39	29	120	120	ASLCO 3005	70	120	70	120	120
40	30	121	121	ASLCO 3005	70	121	70	121	121
41	31	122	122	ASLCO 3005	70	122	70	122	122
42	32	123	123	ASLCO 3005	70	123	70	123	123
43	33	124	124	ASLCO 3005	70	124	70	124	124
44	34	125	125	ASLCO 3005	70	125	70	125	125
45	35	126	126	ASLCO 3005	70	126	70	126	126
46	36	127	127	ASLCO 3005	70	127	70	127	127
47	37	128	128	ASLCO 3005	70	128	70	128	128
48	38	129	129	ASLCO 3005	70	129	70	129	129
49	39	130	130	ASLCO 3005	70	130	70	130	130
50	40	131	131	ASLCO 3005	70	131	70	131	131
51	41	132	132	ASLCO 3005	70	132	70	132	132
52	42	133	133	ASLCO 3005	70	133	70	133	133
53	43	134	134	ASLCO 3005	70	134	70	134	134
54	44	135	135	ASLCO 3005	70	135	70	135	135
55	45	136	136	ASLCO 3005	70	136	70	136	136
56	46	137	137	ASLCO 3005	70	137	70	137	137
57	47	138	138	ASLCO 3005	70	138	70	138	138
58	48	139	139	ASLCO 3005	70	139	70	139	139
59	49	140	140	ASLCO 3005	70	140	70	140	140
60	50	141	141	ASLCO 3005	70	141	70	141	141
61	51	142	142	ASLCO 3005	70	142	70	142	142
62	52	143	143	ASLCO 3005	70	143	70	143	143
63	53	144	144	ASLCO 3005	70	144	70	144	144
64	54	145	145	ASLCO 3005	70	145	70	145	145
65	55	146	146	ASLCO 3005	70	146	70	146	146
66	56	147	147	ASLCO 3005	70	147	70	147	147
67	57	148	148	ASLCO 3005	70	148	70	148	148
68	58	149	149	ASLCO 3005	70	149	70	149	149
69	59	150	150	ASLCO 3005	70	150	70	150	150



IN	OUT	PR #	PLT #	DRIVERS	QTY	KINDS
1	1515	43584	DR-4510	CHALLES	21	G1
2	1515	43585	DR-4510	CHALLES	21	G1
3	1515	43586	DR-4510	CHALLES	21	G1
4	1515	43587	DR-4510	CHALLES	21	G1
5	1515	43588	DR-4510	CHALLES	21	G1
6	1515	43589	DR-4510	CHALLES	21	G1
7	1515	43590	DR-4510	CHALLES	21	G1
8	1515	43591	DR-4510	CHALLES	21	G1
9	1515	43592	DR-4510	CHALLES	21	G1
10	1515	43593	DR-4510	CHALLES	21	G1
11	1515	43594	DR-4510	CHALLES	21	G1
12	1515	43595	DR-4510	CHALLES	21	G1
13	1515	43596	DR-4510	CHALLES	21	G1
14	1515	43597	DR-4510	CHALLES	21	G1
15	1515	43598	DR-4510	CHALLES	21	G1
16	1515	43599	DR-4510	CHALLES	21	G1
17	1515	43600	DR-4510	CHALLES	21	G1

IN	OUT	PR #	PLT #	DRIVERS	QTY	KINDS
1	1515	43584	DR-4510	CHALLES	21	G1
2	1515	43585	DR-4510	CHALLES	21	G1
3	1515	43586	DR-4510	CHALLES	21	G1
4	1515	43587	DR-4510	CHALLES	21	G1
5	1515	43588	DR-4510	CHALLES	21	G1
6	1515	43589	DR-4510	CHALLES	21	G1
7	1515	43590	DR-4510	CHALLES	21	G1
8	1515	43591	DR-4510	CHALLES	21	G1
9	1515	43592	DR-4510	CHALLES	21	G1
10	1515	43593	DR-4510	CHALLES	21	G1
11	1515	43594	DR-4510	CHALLES	21	G1
12	1515	43595	DR-4510	CHALLES	21	G1
13	1515	43596	DR-4510	CHALLES	21	G1
14	1515	43597	DR-4510	CHALLES	21	G1
15	1515	43598	DR-4510	CHALLES	21	G1
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3	1515	43586	DR-4510	CHALLES	21	G1
4	1515	43587	DR-4510	CHALLES	21	G1
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1	1515	43584	DR-4510	CHALLES	21	G1
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16	1515	43599	DR-4510	CHALLES	21	G1
17	1515	43600	DR-4510	CHALLES	21	G1

Figures 2-7. Logbook Entries

"MINING SHALL BE PRO-PEOPLE AND PRO-ENVIRONMENT
IN SUSTAINING WEALTH CREATION AND IMPROVED QUALITY OF LIFE"






Figure 8. Materials loaded onto the barge.



Figure 9. Materials

Validated by:


JAY A. SIMEON
Engineer III


HANNAH BENNETT ALTHEA CANUBIDA
GIS Specialist B

Date of Validation: **April 25, 2024**



Republic of the Philippines
Department of Environment and Natural Resources
MINES AND GEOSCIENCES BUREAU X
Region X, Puntod, Cagayan de Oro City

DOCUMENT HISTORY

IMPORTANT: All documents, letters, communication, whether Official or from private Citizens should be acted upon expeditiously. The Office receiving a Communication from private persons should be written a "STATUS" letter immediately to the sender as soon as action on processing starts.

Document Code: 2024422461713776326

I. IN THE RECORD SECTION OR DIVISION: (DEPTMENT PROPERTY/BUREAU/AGENCY)

SENDER: Arra Bea Diayon, Gravelden Inc.
SUBJECT: Information Letter for Barging of Gravelden Inc.
ATTACHMENT: transmittal letter dtd 04/22/2024
ARTA DEADLINE: May 14, 2024 DATE RECORDED: April 22, 2024, 5 p.m.

IN THE STAFF/SERVICES/DIVISIONS/SECTIONS (DEPARTMENT PROPERTY IN THE BUREAU/ATTACHED AGENCIES)

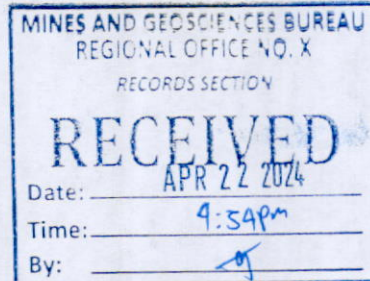
FROM	TO	DATE/TIME	Instructions/Action Required/Taken	Comment/Reason
FAD_RECEIVING	ORD_OIC_RBF	April 22, 2024, 5 p.m.	None	

GRAVELDEN INC.

Brgy. Napaliran, Balingasag, Misamis Oriental, 9005

April 22, 2024

ENGR. RODANTE B. FELINA
Regional Director
Mines & Geosciences Bureau
Regional Office No. X
Puntod, Cagayan de Oro City

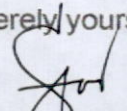


Dear Sir:

Respectfully informing your office that Vessel TB ASL PELICAN, BARGE ASLCO 3005 will arrive on April 21, 2024. The estimated dates of Sand and Gravel transport and Loading will be on April 22, 2024 once the barge is ready until April 24, 2024 from Gravelden Plant to Barangay Kimaya, Jasaan, Misamis Oriental Port.

Thank you for your usual support.

Sincerely yours,

for.  **ARRA BEA DIAYON**
Eden T. Huang
Gravelden Inc.