

District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
811 S. First St., Artesia, NM 88210  
District III  
1000 Rio Brazos Road, Aztec, NM 87410  
District IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico  
Energy Minerals and Natural Resources

Oil Conservation Division  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

Form C-141  
Revised April 3, 2017

Submit 1 Copy to appropriate District Office in  
accordance with 19.15.29 NMAC.

**Release Notification and Corrective Action**

**OPERATOR**

☐ Initial Report ☒ Final Report

Name of Company LOGOS Operating, LLC	Contact Larissa Farrell
Address 2010 Afton Place Farmington, NM 87401	Telephone No. (505)419-1100
Facility Name: Nordhaus 713	Facility Type: Well

Surface Owner: Federal	Mineral Owner: Federal	API No. 30-045-27655
------------------------	------------------------	----------------------

**LOCATION OF RELEASE**

Unit Letter L	Section 11	Township 31N	Range 9W	Feet from the 1855	North/South Line South	Feet from the 1040	East/West Line West	County San Juan County
------------------	---------------	-----------------	-------------	-----------------------	---------------------------	-----------------------	------------------------	---------------------------

Latitude 36.9102554 Longitude -107.7553329 NAD83

**NATURE OF RELEASE**

Type of Release Gas	Volume of Release 150 MCF	Volume Recovered 0
Source of Release Flowline	Date and Hour of Occurrence 5/7/2018	Date and Hour of Discovery 5/8/2018 10:00 am
Was Immediate Notice Given? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Required	If YES, To Whom?	
By Whom?	Date and Hour	
Was a Watercourse Reached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse.	

If a Watercourse was Impacted, Describe Fully.\*

NMOCD

MAY 22 2018

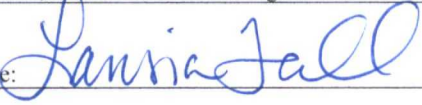
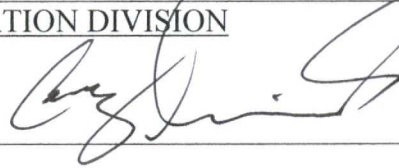

Describe Cause of Problem and Remedial Action Taken.\*

Flowline leak; shut in well, Replaced flowline section. Sampled area as per conditions of approval provided by the NMOCD. All constituents were under the allowable limits. Backfilled and will reseed area.

Describe Area Affected and Cleanup Action Taken.\*

Shut in well; one call and dig up flowline to replace/repair. Repaired flowline section. Sampled area with two 5 pt samples. See attached analytical report. All constituents were under the allowable limits. After repair, the area was backfilled and will be reseeded.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

Signature: 	<b>OIL CONSERVATION DIVISION</b>	
Printed Name: Larissa Farrell	Approved by Environmental Specialist: 	
Title: Environmental/Regulatory Technician	Approval Date: 6/18/18	Expiration Date:
E-mail Address: lfarrell@logosresourcesllc.com	Conditions of Approval: 	Attached <input type="checkbox"/>
Date: 5/17/2018	Phone: (505) 419-1100	

\* Attach Additional Sheets If Necessary

#NCS1813037884

13

## Analytical Report

### Report Summary

Client: Logos Operating, LLC  
Chain Of Custody Number:  
Samples Received: 5/11/2018 3:18:00PM  
Job Number: 12035-0105  
Work Order: P805017  
Project Name/Location: Pump Canyon Spill  
Assessment & Soil Samples

Report Reviewed By:



Date: 5/15/18

Walter Hinchman, Laboratory Director



Date: 5/15/18

Tim Cain, Project Manager



Envirotech Inc. certifies the test results meet all requirements of TNI unless footnoted otherwise.  
Statement of Data Authenticity: Envirotech, Inc. attests the data reported has not been altered in any way.  
Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech, Inc.  
Envirotech, Inc. currently holds the appropriate and available Utah TNI certification NM009792018-1 for the data reported.

Logos Operating, LLC  
 PO Box 18  
 Flora Vista NM, 87415

Project Name: Pump Canyon Spill Assessment & Soil Samples  
 Project Number: 12035-0105  
 Project Manager: Felipe Aragon

**Reported:**  
 15-May-18 16:43

### Analytical Report for Samples

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
Bottom	P805017-01A	Soil	05/11/18	05/11/18	Glass Jar, 4 oz.
	P805017-01B	Soil	05/11/18	05/11/18	Glass Jar, 4 oz.
Walls	P805017-02A	Soil	05/11/18	05/11/18	Glass Jar, 4 oz.
	P805017-02B	Soil	05/11/18	05/11/18	Glass Jar, 4 oz.

Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech, Inc.

Logos Operating, LLC  
 PO Box 18  
 Flora Vista NM, 87415

 Project Name: Pump Canyon Spill Assessment & Soil Samples  
 Project Number: 12035-0105  
 Project Manager: Felipe Aragon

**Reported:**  
 15-May-18 16:43

**Bottom**  
**P805017-01 (Solid)**

Reporting

Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
---------	--------	-------	-------	----------	-------	----------	----------	--------	-------

**Volatile Organics by EPA 8021**

Benzene	ND	100	ug/kg	1	1820003	05/14/18	05/14/18	EPA 8021B	
Toluene	ND	100	ug/kg	1	1820003	05/14/18	05/14/18	EPA 8021B	
Ethylbenzene	ND	100	ug/kg	1	1820003	05/14/18	05/14/18	EPA 8021B	
p,m-Xylene	ND	200	ug/kg	1	1820003	05/14/18	05/14/18	EPA 8021B	
o-Xylene	ND	100	ug/kg	1	1820003	05/14/18	05/14/18	EPA 8021B	
Total Xylenes	ND	100	ug/kg	1	1820003	05/14/18	05/14/18	EPA 8021B	
Total BTEX	ND	100	ug/kg	1	1820003	05/14/18	05/14/18	EPA 8021B	
Surrogate: 4-Bromochlorobenzene-PID		95.2 %		50-150	1820003	05/14/18	05/14/18	EPA 8021B	

**Nonhalogenated Organics by 8015**

Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	1820003	05/14/18	05/14/18	EPA 8015D	
Diesel Range Organics (C10-C28)	48.4	25.0	mg/kg	1	1820001	05/14/18	05/14/18	EPA 8015D	
Surrogate: 1-Chloro-4-fluorobenzene-FID		99.0 %		50-150	1820003	05/14/18	05/14/18	EPA 8015D	
Surrogate: n-Nonane		113 %		50-200	1820001	05/14/18	05/14/18	EPA 8015D	

**Anions by 300.0**

Chloride	ND	20.0	mg/kg	1	1820002	05/14/18	05/14/18	EPA 300.0	
----------	----	------	-------	---	---------	----------	----------	-----------	--

Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech, Inc.



Logos Operating, LLC  
 PO Box 18  
 Flora Vista NM, 87415

 Project Name: Pump Canyon Spill Assessment & Soil Samples  
 Project Number: 12035-0105  
 Project Manager: Felipe Aragon

 Reported:  
 15-May-18 16:43

**Walls**
**P805017-02 (Solid)**

## Reporting

Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
---------	--------	-------	-------	----------	-------	----------	----------	--------	-------

**Volatile Organics by EPA 8021**

Benzene	ND	100	ug/kg	1	1820003	05/14/18	05/15/18	EPA 8021B	
Toluene	ND	100	ug/kg	1	1820003	05/14/18	05/15/18	EPA 8021B	
Ethylbenzene	ND	100	ug/kg	1	1820003	05/14/18	05/15/18	EPA 8021B	
p,m-Xylene	ND	200	ug/kg	1	1820003	05/14/18	05/15/18	EPA 8021B	
o-Xylene	ND	100	ug/kg	1	1820003	05/14/18	05/15/18	EPA 8021B	
Total Xylenes	ND	100	ug/kg	1	1820003	05/14/18	05/15/18	EPA 8021B	
Total BTEX	ND	100	ug/kg	1	1820003	05/14/18	05/15/18	EPA 8021B	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		96.0 %		50-150	1820003	05/14/18	05/15/18	EPA 8021B	

**Nonhalogenated Organics by 8015**

Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	1820003	05/14/18	05/15/18	EPA 8015D	
Diesel Range Organics (C10-C28)	ND	25.0	mg/kg	1	1820001	05/14/18	05/14/18	EPA 8015D	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		103 %		50-150	1820003	05/14/18	05/15/18	EPA 8015D	
<i>Surrogate: n-Nonane</i>		117 %		50-200	1820001	05/14/18	05/14/18	EPA 8015D	

**Anions by 300.0**

Chloride	ND	20.0	mg/kg	1	1820002	05/14/18	05/14/18	EPA 300.0	
----------	----	------	-------	---	---------	----------	----------	-----------	--

Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech, Inc.

Logos Operating, LLC  
PO Box 18  
Flora Vista NM, 87415

Project Name: Pump Canyon Spill Assessment & Soil Samples  
Project Number: 12035-0105  
Project Manager: Felipe Aragon

Reported:  
15-May-18 16:43

**Volatile Organics by EPA 8021 - Quality Control**
**Envirotech Analytical Laboratory**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

**Batch 1820003 - Purge and Trap EPA 5030A**
**Blank (1820003-BLK1)**

Prepared &amp; Analyzed: 14-May-18

Benzene	ND	100	ug/kg							
Toluene	ND	100	"							
Ethylbenzene	ND	100	"							
p,m-Xylene	ND	200	"							
o-Xylene	ND	100	"							
Total Xylenes	ND	100	"							
Total BTEX	ND	100	"							
Surrogate: 4-Bromochlorobenzene-PID	7560		"	8000		94.5	50-150			

**LCS (1820003-BS1)**

Prepared &amp; Analyzed: 14-May-18

Benzene	4730	100	ug/kg	5000		94.7	70-130			
Toluene	4660	100	"	5000		93.2	70-130			
Ethylbenzene	4660	100	"	5000		93.3	70-130			
p,m-Xylene	9350	200	"	10000		93.5	70-130			
o-Xylene	4620	100	"	5000		92.5	70-130			
Total Xylenes	14000	100	"	15000		93.2	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7720		"	8000		96.5	50-150			

**Matrix Spike (1820003-MS1)**

Source: P805017-01

Prepared &amp; Analyzed: 14-May-18

Benzene	4620	100	ug/kg	5000	ND	92.4	54.3-133			
Toluene	4530	100	"	5000	ND	90.7	61.4-130			
Ethylbenzene	4550	100	"	5000	ND	91.0	61.4-133			
p,m-Xylene	9110	200	"	10000	ND	91.2	63.3-131			
o-Xylene	4480	100	"	5000	ND	89.7	63.3-131			
Total Xylenes	13600	100	"	15000	ND	90.7	63.3-131			
Surrogate: 4-Bromochlorobenzene-PID	7660		"	8000		95.8	50-150			

**Matrix Spike Dup (1820003-MSD1)**

Source: P805017-01

Prepared &amp; Analyzed: 14-May-18

Benzene	4970	100	ug/kg	5000	ND	99.4	54.3-133	7.31	20	
Toluene	4870	100	"	5000	ND	97.5	61.4-130	7.19	20	
Ethylbenzene	4880	100	"	5000	ND	97.6	61.4-133	6.99	20	
p,m-Xylene	9760	200	"	10000	ND	97.7	63.3-131	6.87	20	
o-Xylene	4790	100	"	5000	ND	95.9	63.3-131	6.65	20	
Total Xylenes	14600	100	"	15000	ND	97.1	63.3-131	6.80	20	
Surrogate: 4-Bromochlorobenzene-PID	7680		"	8000		96.0	50-150			

Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech, Inc.

Logos Operating, LLC  
 PO Box 18  
 Flora Vista NM, 87415

 Project Name: Pump Canyon Spill Assessment & Soil Samples  
 Project Number: 12035-0105  
 Project Manager: Felipe Aragon

 Reported:  
 15-May-18 16:43

**Nonhalogenated Organics by 8015 - Quality Control**
**Envirotech Analytical Laboratory**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC Limits	RPD	RPD Limit	Notes
---------	--------	--------------------	-------	----------------	------------------	----------------	-----	--------------	-------

**Batch 1820001 - DRO Extraction EPA 3570**
**Blank (1820001-BLK1)**

Prepared &amp; Analyzed: 14-May-18

Diesel Range Organics (C10-C28)	ND	25.0	mg/kg						
Surrogate: <i>n</i> -Nonane	53.8		"	50.0		108	50-200		

**LCS (1820001-BS1)**

Prepared &amp; Analyzed: 14-May-18

Diesel Range Organics (C10-C28)	467	25.0	mg/kg	500		93.4	38-132		
Surrogate: <i>n</i> -Nonane	58.5		"	50.0		117	50-200		

**Matrix Spike (1820001-MS1)**

Source: P805017-01

Prepared &amp; Analyzed: 14-May-18

Diesel Range Organics (C10-C28)	578	25.0	mg/kg	500	48.4	106	38-132		
Surrogate: <i>n</i> -Nonane	57.5		"	50.0		115	50-200		

**Matrix Spike Dup (1820001-MSD1)**

Source: P805017-01

Prepared &amp; Analyzed: 14-May-18

Diesel Range Organics (C10-C28)	517	25.0	mg/kg	500	48.4	93.7	38-132	11.1	20
Surrogate: <i>n</i> -Nonane	57.3		"	50.0		115	50-200		

Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech, Inc.

Logos Operating, LLC  
 PO Box 18  
 Flora Vista NM, 87415

 Project Name: Pump Canyon Spill Assessment & Soil Samples  
 Project Number: 12035-0105  
 Project Manager: Felipe Aragon

 Reported:  
 15-May-18 16:43

**Nonhalogenated Organics by 8015 - Quality Control**
**Envirotech Analytical Laboratory**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

**Batch 1820003 - Purge and Trap EPA 5030A**
**Blank (1820003-BLK1)**

Prepared &amp; Analyzed: 14-May-18

Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg							
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.01		"	8.00		100	50-150			

**LCS (1820003-BS2)**

Prepared &amp; Analyzed: 14-May-18

Gasoline Range Organics (C6-C10)	42.1	20.0	mg/kg	50.0		84.2	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.30		"	8.00		104	50-150			

**Matrix Spike (1820003-MS2)**

Source: P805017-01

Prepared &amp; Analyzed: 14-May-18

Gasoline Range Organics (C6-C10)	44.3	20.0	mg/kg	50.0	ND	88.5	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.26		"	8.00		103	50-150			

**Matrix Spike Dup (1820003-MSD2)**

Source: P805017-01

Prepared: 14-May-18 Analyzed: 15-May-18

Gasoline Range Organics (C6-C10)	48.0	20.0	mg/kg	50.0	ND	96.0	70-130	8.06	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.21		"	8.00		103	50-150			

Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech, Inc.



Logos Operating, LLC  
 PO Box 18  
 Flora Vista NM, 87415

 Project Name: Pump Canyon Spill Assessment & Soil Samples  
 Project Number: 12035-0105  
 Project Manager: Felipe Aragon

 Reported:  
 15-May-18 16:43

**Anions by 300.0 - Quality Control**
**Envirotech Analytical Laboratory**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<b>Batch 1820002 - Anion Extraction EPA 300.0/9056A</b>										
<b>Blank (1820002-BLK1)</b>				Prepared & Analyzed: 14-May-18						
Chloride	ND	20.0	mg/kg							
<b>LCS (1820002-BS1)</b>				Prepared & Analyzed: 14-May-18						
Chloride	254	20.0	mg/kg	250		102	90-110			
<b>Matrix Spike (1820002-MS1)</b>				Source: P805017-01 Prepared & Analyzed: 14-May-18						
Chloride	257	20.0	mg/kg	250	ND	103	80-120			
<b>Matrix Spike Dup (1820002-MSD1)</b>				Source: P805017-01 Prepared & Analyzed: 14-May-18						
Chloride	260	20.0	mg/kg	250	ND	104	80-120	1.06	20	

Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech, Inc.

Logos Operating, LLC  
PO Box 18  
Flora Vista NM, 87415

Project Name: Pump Canyon Spill Assessment & Soil Samples  
Project Number: 12035-0105  
Project Manager: Felipe Aragon

**Reported:**  
15-May-18 16:43

#### Notes and Definitions

DET Analyte DETECTED  
ND Analyte NOT DETECTED at or above the reporting limit  
NR Not Reported  
RPD Relative Percent Difference  
\*\* Methods marked with \*\* are non-accredited methods.

Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech, Inc.

Client: Logos operating  
 Project: Pump Canyon spill assessment + soil samples  
 Project Manager: F.Aragon  
 Address: \_\_\_\_\_  
 City, State, Zip \_\_\_\_\_  
 Phone: \_\_\_\_\_  
 Email: Gcrabtree Admin Bhall Faragon

Report Attention  
 Report due by: \_\_\_\_\_  
 Email: igarcia@envirotech-inc.com  
 Address: \_\_\_\_\_  
 City, State, Zip \_\_\_\_\_  
 Phone: \_\_\_\_\_

Lab Use Only  
 Lab WO# P805017 Job Number 12035-0105  
 TAT 1D 3D X  
 EPA Program RCRA CWA SDWA

Time Sampled	Date Sampled	Matrix	No Containers	Sample ID	Lab Number	8015 DR	8260	GPA 218	3501	3502	3503	3504	3505	3506	3507	3508	3509	3510	3511	3512	3513	3514	3515	3516	3517	3518	3519	3520	3521	3522	3523	3524	3525	3526	3527	3528	3529	3530	3531	3532	3533	3534	3535	3536	3537	3538	3539	3540	3541	3542	3543	3544	3545	3546	3547	3548	3549	3550	3551	3552	3553	3554	3555	3556	3557	3558	3559	3560	3561	3562	3563	3564	3565	3566	3567	3568	3569	3570	3571	3572	3573	3574	3575	3576	3577	3578	3579	3580	3581	3582	3583	3584	3585	3586	3587	3588	3589	3590	3591	3592	3593	3594	3595	3596	3597	3598	3599	3600	3601	3602	3603	3604	3605	3606	3607	3608	3609	3610	3611	3612	3613	3614	3615	3616	3617	3618	3619	3620	3621	3622	3623	3624	3625	3626	3627	3628	3629	3630	3631	3632	3633	3634	3635	3636	3637	3638	3639	3640	3641	3642	3643	3644	3645	3646	3647	3648	3649	3650	3651	3652	3653	3654	3655	3656	3657	3658	3659	3660	3661	3662	3663	3664	3665	3666	3667	3668	3669	3670	3671	3672	3673	3674	3675	3676	3677	3678	3679	3680	3681	3682	3683	3684	3685	3686	3687	3688	3689	3690	3691	3692	3693	3694	3695	3696	3697	3698	3699	3700	3701	3702	3703	3704	3705	3706	3707	3708	3709	3710	3711	3712	3713	3714	3715	3716	3717	3718	3719	3720	3721	3722	3723	3724	3725	3726	3727	3728	3729	3730	3731	3732	3733	3734	3735	3736	3737	3738	3739	3740	3741	3742	3743	3744	3745	3746	3747	3748	3749	3750	3751	3752	3753	3754	3755	3756	3757	3758	3759	3760	3761	3762	3763	3764	3765	3766	3767	3768	3769	3770	3771	3772	3773	3774	3775	3776	3777	3778	3779	3780	3781	3782	3783	3784	3785	3786	3787	3788	3789	3790	3791	3792	3793	3794	3795	3796	3797	3798	3799	3800	3801	3802	3803	3804	3805	3806	3807	3808	3809	3810	3811	3812	3813	3814	3815	3816	3817	3818	3819	3820	3821	3822	3823	3824	3825	3826	3827	3828	3829	3830	3831	3832	3833	3834	3835	3836	3837	3838	3839	3840	3841	3842	3843	3844	3845	3846	3847	3848	3849	3850	3851	3852	3853	3854	3855	3856	3857	3858	3859	3860	3861	3862	3863	3864	3865	3866	3867	3868	3869	3870	3871	3872	3873	3874	3875	3876	3877	3878	3879	3880	3881	3882	3883	3884	3885	3886	3887	3888	3889	3890	3891	3892	3893	3894	3895	3896	3897	3898	3899	3900	3901	3902	3903	3904	3905	3906	3907	3908	3909	3910	3911	3912	3913	3914	3915	3916	3917	3918	3919	3920	3921	3922	3923	3924	3925	3926	3927	3928	3929	3930	3931	3932	3933	3934	3935	3936	3937	3938	3939	3940	3941	3942	3943	3944	3945	3946	3947	3948	3949	3950	3951	3952	3953	3954	3955	3956	3957	3958	3959	3960	3961	3962	3963	3964	3965	3966	3967	3968	3969	3970	3971	3972	3973	3974	3975	3976	3977	3978	3979	3980	3981	3982	3983	3984	3985	3986	3987	3988	3989	3990	3991	3992	3993	3994	3995	3996	3997	3998	3999	4000	4001	4002	4003	4004	4005	4006	4007	4008	4009	4010	4011	4012	4013	4014	4015	4016	4017	4018	4019	4020	4021	4022	4023	4024	4025	4026	4027	4028	4029	4030	4031	4032	4033	4034	4035	4036	4037	4038	4039	4040	4041	4042	4043	4044	4045	4046	4047	4048	4049	4050	4051	4052	4053	4054	4055	4056	4057	4058	4059	4060	4061	4062	4063	4064	4065	4066	4067	4068	4069	4070	4071	4072	4073	4074	4075	4076	4077	4078	4079	4080	4081	4082	4083	4084	4085	4086	4087	4088	4089	4090	4091	4092	4093	4094	4095	4096	4097	4098	4099	4100	4101	4102	4103	4104	4105	4106	4107	4108	4109	4110	4111	4112	4113	4114	4115	4116	4117	4118	4119	4120	4121	4122	4123	4124	4125	4126	4127	4128	4129	4130	4131	4132	4133	4134	4135	4136	4137	4138	4139	4140	4141	4142	4143	4144	4145	4146	4147	4148	4149	4150	4151	4152	4153	4154	4155	4156	4157	4158	4159	4160	4161	4162	4163	4164	4165	4166	4167	4168	4169	4170	4171	4172	4173	4174	4175	4176	4177	4178	4179	4180	4181	4182	4183	4184	4185	4186	4187	4188	4189	4190	4191	4192	4193	4194	4195	4196	4197	4198	4199	4200	4201	4202	4203	4204	4205	4206	4207	4208	4209	4210	4211	4212	4213	4214	4215	4216	4217	4218	4219	4220	4221	4222	4223	4224	4225	4226	4227	4228	4229	4230	4231	4232	4233	4234	4235	4236	4237	4238	4239	4240	4241	4242	4243	4244	4245	4246	4247	4248	4249	4250	4251	4252	4253	4254	4255	4256	4257	4258	4259	4260	4261	4262	4263	4264	4265	4266	4267	4268	4269	4270	4271	4272	4273	4274	4275	4276	4277	4278	4279	4280	4281	4282	4283	4284	4285	4286	4287	4288	4289	4290	4291	4292	4293	4294	4295	4296	4297	4298	4299	4300	4301	4302	4303	4304	4305	4306	4307	4308	4309	4310	4311	4312	4313	4314	4315	4316	4317	4318	4319	4320	4321	4322	4323	4324	4325	4326	4327	4328	4329	4330	4331	4332	4333	4334	4335	4336	4337	4338	4339	4340	4341	4342	4343	4344	4345	4346	4347	4348	4349	4350	4351	4352	4353	4354	4355	4356	4357	4358	4359	4360	4361	4362	4363	4364	4365	4366	4367	4368	4369	4370	4371	4372	4373	4374	4375	4376	4377	4378	4379	4380	4381	4382	4383	4384	4385	4386	4387	4388	4389	4390	4391	4392	4393	4394	4395	4396	4397	4398	4399	4400	4401	4402	4403	4404	4405	4406	4407	4408	4409	4410	4411	4412	4413	4414	4415	4416	4417	4418	4419	4420	4421	4422	4423	4424	4425	4426	4427	4428	4429	4430	4431	4432	4433	4434	4435	4436	4437	4438	4439	4440	4441	4442	4443	4444	4445	4446	4447	4448	4449	4450	4451	4452	4453	4454	4455	4456	4457	4458	4459	4460	4461	4462	4463	4464	4465	4466	4467	4468	4469	4470	4471	4472	4473	4474	4475	4476	4477	4478	4479	4480	4481	4482	4483	4484	4485	4486	4487	4488	4489	4490	4491	4492	4493	4494	4495	4496	4497	4498	4499	4500	4501	4502	4503	4504	4505	4506	4507	4508	4509	4510	4511	4512	4513	4514	4515	4516	4517	4518	4519	4520	4521	4522	4523	4524	4525	4526	4527	4528	4529	4530	4531	4532	4533	4534	4535	4536	4537	4538	4539	4540	4541	4542	4543	4544	4545	4546	4547	4548	4549	4550	4551	4552	4553	4554	4555	4556	4557	4558	4559	4560	4561	4562	4563	4564	4565	4566	4567	4568	4569	4570	4571	4572	4573	4574	4575	4576	4577	4578	4579	4580	4581	4582	4583	4584	4585	4586	4587	4588	4589	4590	4591	4592	4593	4594	4595	4596	4597	4598	4599	4600	4601	4602	4603	4604	4605	4606	4607	4608	4609	4610	4611	4612	4613	4614	4615	4616	4617	4618	4619	4620	4621	4622	4623	4624	4625	4626	4627	4628	4629	4630	4631	4632	4633	4634	4635	4636	4637	4638	4639	4640	4641	4642	4643	4644	4645	4646	4647	4648	4649	4650	4651	4652	4653	4654	4655	4656	4657	4658	4659	4660	4661	4662	4663	4664	4665	4666	4667	4668	4669	4670	4671	4672	4673	4674	4675	4676	4677	4678	4679	4680	4681	4682	4683	4684	4685	4686	4687	4688	4689	4690	4691	4692	4693	4694	4695	4696	4697	4698	4699	4700	4701	4702	4703	4704	4705	4706	4707	4708	4709	4710	4711	4712	4713	4714	4715	4716	4717	4718	4719	4720	4721	4722	4723	4724	4725	4726	4727	4728	4729	4730	4731	4732	4733	47
--------------	--------------	--------	---------------	-----------	------------	---------	------	---------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	----



SAMPLE 1





SAMPLE 2

