

## KAPITULLI III

### 3 Vleresimi i cilesise se ujrave dhe tokes

#### 3.1 Pikat e mostrimit te mostrave ujore

Sic u permend ne baze te programit te monitorimit te siperpermendur per sharkimet e lengeta moster ujore u mor ne:

- Ne rrjedhen e lumbit Seman duke qene se eshte I vetmi trup ujore qe kalon ne afersi te ketij fshati I cili me pas perfundone ne detin Adriatik dhe krasasi me Direktivën e Komisionit Evropian CEE/CEEA/CE 78/659 "Per cilesine e ujrade siperfaqesore"
- Ujrat nentokesore te banoreve te zones perreth te marre ne nje distance rreth 577 m ne vije ajrore midis pikes se mostrimit dhe aktivitetit me te afert nafte-punues.

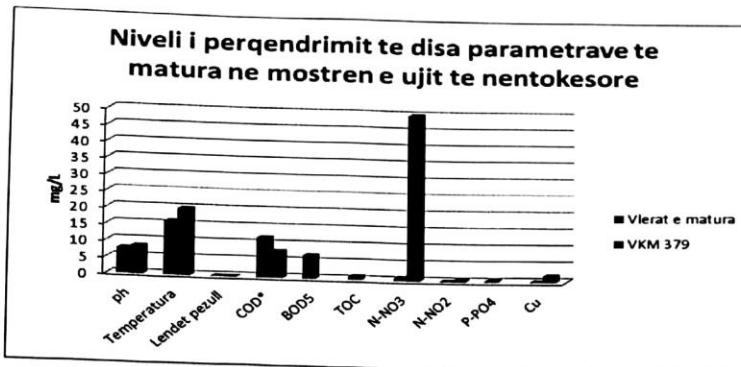


Fig.9 Pamje satelitore te vendmarrie se mostrave ujore

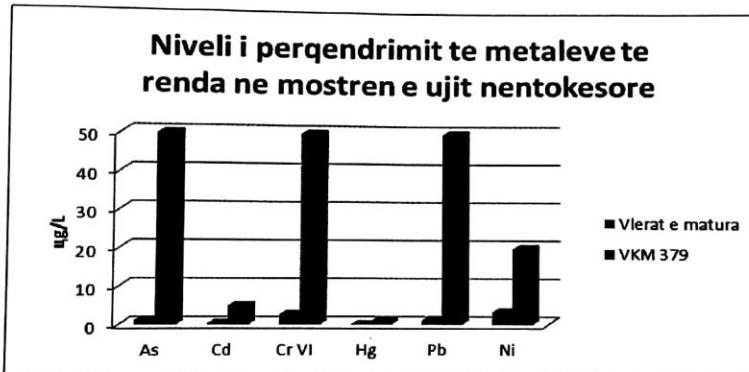
Me poshte ne tabelen nr.6 dhe nr.7 jane paraqitur parametrat e analizuar ne mostrat ujore.

Tabela nr.6 Rezultatet e matjes se parametrave te mostres ujore te pusit

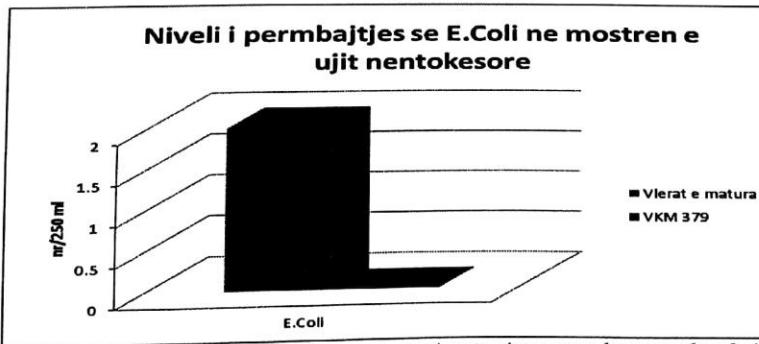
Parametri analizuar	Metoda/	Njësia matëse	Vlera	Normat sipas VKM 379 16.05.2016
pH*	ISO 10523:2012 Water Quality, Determination of pH. WTW Multi 340i		7.75	6,5 – 8,5
Temperatura	Water Quality, Determination of temperature. WTW Multi 340i	°C	16.1	15-20 °C
Lendet pezulli	Filtrim, Whatman (filter <0.45 µm)	mg/L	<2	Nuk lejohen
COD*	S SH ISO 15705:2013 Waterquality, WTW photoLab 6600 UV-VIS	mg/L	12	8 mg/l O <sub>2</sub> (per burime dhe puse te vegjel)
BOD <sub>5</sub>	Waterquality respirometri/Oxitop/EN 1899-1 and EN 1899-2	mg/L	7	---
TOC	Water quality EPA method for Water and Waste Water 415.1/415.2 Persulfate Oxidation	mg/L	1	---
N-NO <sub>3</sub>	Photometric Test Kits/S SH ISO 7890-3:2000	mg/L	0.9	50 mg/L
N-NO <sub>2</sub>	Photometric Test Kits/S SH EN 26777:2006	mg/L	0.026	0.50 mg/L
P-PO <sub>4</sub>	Photometric Test Kits/S SH ISO EN 6878:2004	mg/L	0.4	---
As	Photometric/Test kit method/US Standard Methods 3500-As	µg/L	1.2	50 µg/L
Cd	Photometric/Test kit method/Reaction:with Cadion derivative	µg/L	0.3	5 µg/L
Cr <sup>VI</sup>	Photometric/Test kit method/US Standart Methods 3500-Cr D	µg/L	2.7	50 µg/L
Cu	Photometric/Test kit method/Reaction:with Cuprizon	mg/L	0.11	2 mg/L
Hg	Standard Methods for the Examination of Water and Wastewater/3500 Hg	µg/L	<0.1	1 µg/L
Pb	Photometric/Test kit method/Reaction:with Pyridylazoresorcinol PAR	µg/L	1.2	50 µg/L
Ni	Photometric/Test kit method/US Standart Methods US 3500-Ni E	µg/L	3.4	20 µg/L
E.Coli	S SH ISO 9308 -1 S SH ISO 9308 -2	nr/250 ml	2	0/250 ml



Grafik nr.12 Perqendrimi I parametrave te analizuar ne mostren ujore te ujrade nentokesore perkundrejt normave te vendosur nga VKM 379 16.05.2016



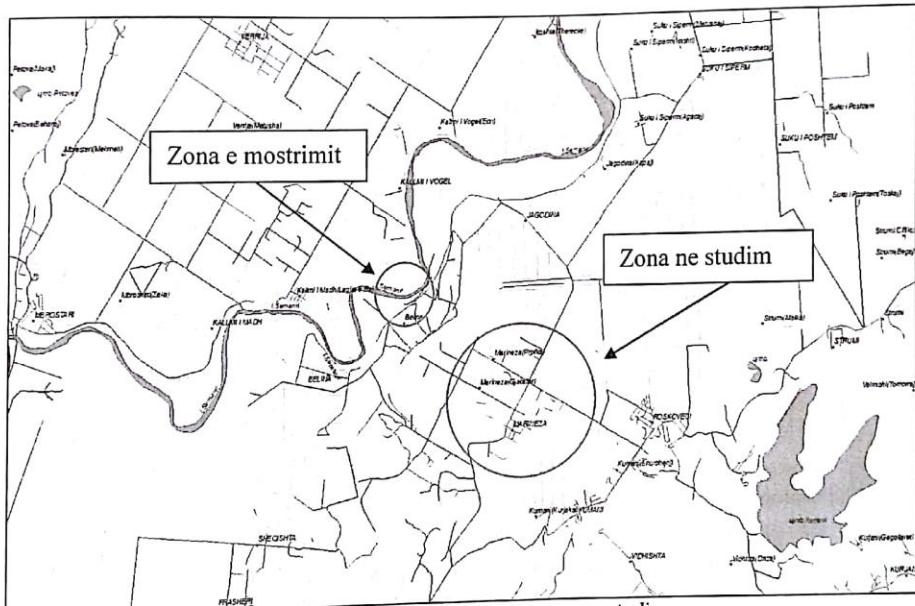
Grafik nr.13 Perqendrimi I metaleve te rende te analizuar ne mostren ujore te ujrade nentokesore perkundrejt normave te vendosur nga VKM 379 16.05.2016



Grafik nr.14 Permbajtja e E.Coli te analizuar ne mostren ujore te ujrade nentokesore perkundrejt normave te vendosur nga VKM 379 16.05.2016

## Koment

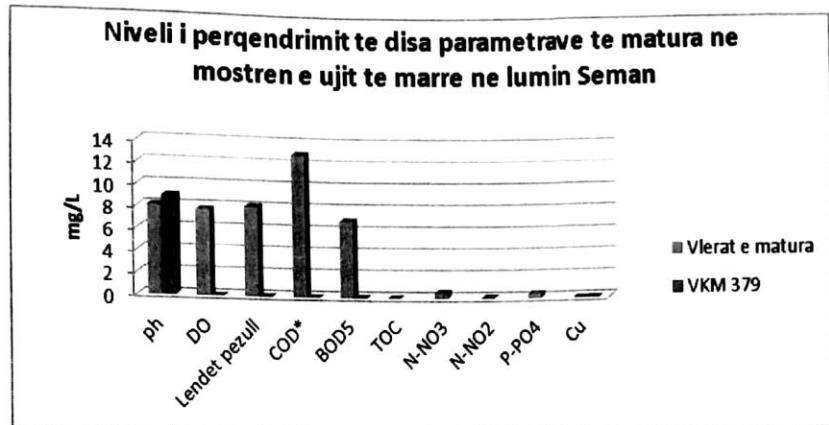
Nga analizimi I parametrave ne mostren ujore te nentokes vihet re qe ne per gjithesi te gjithe para metrat jane brenda normatives se vendosur nga VKM 379 16.05.2016 per cilesine e ujrave per perdomim nga njerezit. Kjo gje vihet re si per parametrat fizik ashtu dhe ato kimik. Vihet re nje permbajtje e COD ne perqendrime 12 mg/l qe e kalon normen per burime dhe puse te vegjel. Nderkohe vihet re presence te permbajtjes se mikroorganizmave si E.Coli qe nuk duhet te jene sipas VKM 379 16.05.2016. Nderkohe per sa I perket metaleve te rende dhe toksik vihet re qe asnjë prej tyre nuk I kalon normat e percaktuara nga kjo VKM.



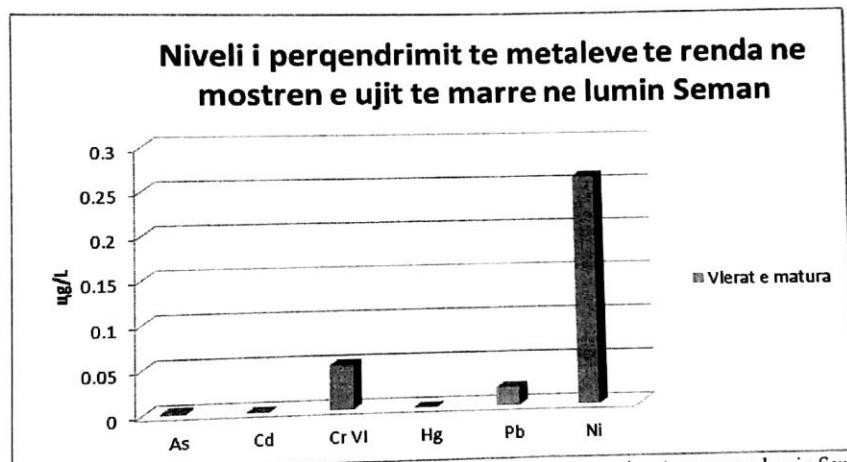
*Fig. 10 Ujerat siperfaquesore ne zonen ne studim*

Tabela nr.7 Rezultatet e matjes se parametrave te mostres ujore te lumit Seman

Parametri analizuar	Metoda	Njësia matëse	Vlera	Direktivën e Komisionit Evropian CEE/CEEA/CE 78/659
pH*	ISO 10523:2012 Water Quality, Determination of pH. WTW Multi 340i		8.13	6-9
DO	Water Quality, Determination of DO. WTW Multi 340i	mg/L	7.8	> 9
Lendet pezull	Filtrim, Whatman (filter <0.45 µm)	mg/L	8.15	<25
COD*	S SH ISO 15705:2013 Waterquality, WTW photoLab 6600 UV-VIS	mg/L	13	>15 (shume e keqe)
BOD <sub>5</sub>	Waterquality respirometri/Oxitop/EN 1899-1 and EN 1899-2	mg/L	7	< 6
TOC	Water quality EPA method for Water and Waste Water 415.1/415.2 Persulfate Oxidation	mg/L	< 6	
N-NO <sub>3</sub>	Photometric Test Kits/S SH ISO 7890-3:2000	mg/L	0.5	
N-NO <sub>2</sub>	Photometric Test Kits/S SH EN 26777:2006		0.027	< 0.03
P-PO <sub>4</sub>	Photometric Test Kits/S SH ISO EN 6878:2004	mg/L	0.38	< 1
As	Photometric/Test kit method/US Standard Methods 3500-As	mg/L	0.002	
Cd	Photometric/Test kit method/Reaction:with Cadion derivative	mg/L	<0.001	
Cr VI	Photometric/Test kit method/US Standart Methods 3500-Cr D	mg/L	0.05	
Cu	Photometric/Test kit method/Reaction:with Cuprizon	mg/L	<0.001	< 0.04
Hg	Standard Methods for the Examination of Water and Wastewater/3500 Hg	mg/L	<0.001	
Pb	Photometric/Test kit method/Reaction:with Pyridylazoresorcinol PAR	mg/L	0.02	
Ni	Photometric/Test kit method/US Standart Methods US 3500-Ni E	mg/L	0.26	
Hidrokarburet totale	EPA Method 1664A.( Methods for determination of "oil and grease" and "total petroleum hydrocarbons")	mg/L	1.3	



Grafik nr.15 Perqendrimi I parametrave te analizuar ne mostren ujore te marre ne lumin Seman perkundrejt normave te vendosur nga Direktivën e Komisionit Evropian CEE/CEEA/CE 78/659



Grafik nr.16 Perqendrimi I metaleve te renda te analizuar ne mostren ujore te marre ne lumin Seman

### Koment

Nga analizimi i mostres ujore te marra ne rrjedhen e ludit Seman sipas hartes se mesiperme ne figuren nr.10 vihet re qe perqendrimi i parametrave qe tregojne cilesine e ujit jane kryesisht brend normave te percaktuar nga Direktiva e Komisionit Evropian CEE/CEEA/CE 78/659 per cilesine e ujrale siperfaqesore kjo perfshire perqendrimin e metaleve te renda apo dhe perqendrimi i nutrienteve. Nderkohe vihet re nje vlore mbi limitin per sa i perket BOD<sub>5</sub> dhe nje vlore pothuaj afer normes limite per COD. Keto parametra jane tregues te nje

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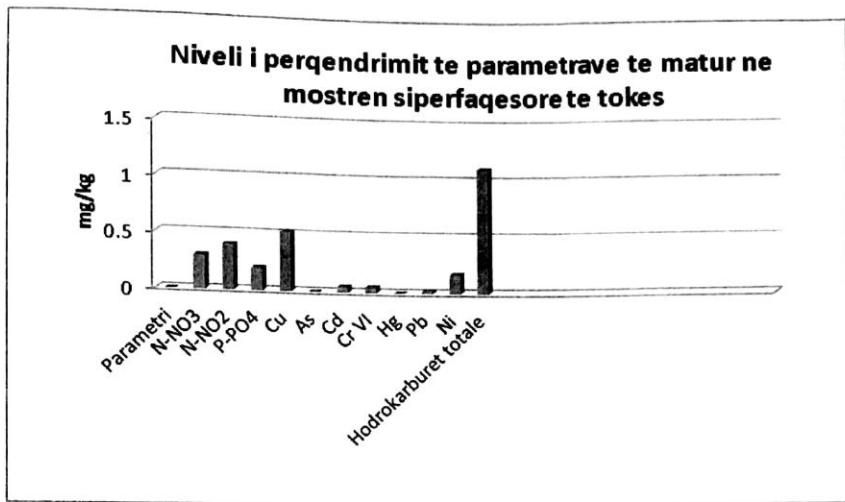
cilesie jo te mire te ujrade te ketij lumi. Gjithashtu vihet re nje prezence te hidrokarbureve ne keto ujra.

### 3.2 Pikat e mostrimit te mostrave te tokes

Sic u permend ne programin e monitorimit per token mostrimi i mostrave te dheut u be ne nivel siperfaqesore dhe ne thellesi 10 cm per te pare efektin shtresore te ndotesve.

Tabela nr.8 Rezultatet e matjes se parametrave te mostres siperfaqesore te tokes

Parametri analizuar	Metoda/	Njësie matëse	Vlera
pH*	Determination of pH. WTW Multi 340i		8.1
Konduktiviteti	Determination of Cnductivity. WTW Multi 340i/Tetracon 325	µS/cm	10
N-NO <sub>3</sub>	ISO 14256-2 Soil quality – Determination of nitrate, nitrite and ammonium in field-moist soils by extraction with potassium chloride solution – part 2 ISO 11464 Soil quality – Pretreatment of samples for physico-chemical analysis	mg/kg	0.3
N-NO <sub>2</sub>	ISO 14256-2 Soil quality – Determination of nitrate, nitrite and ammonium in field-moist soils by extraction with potassium chloride solution – part 2 ISO 11464 Soil quality – Pretreatment of samples for physico-chemical analysis ISO 11263:1994(en)	mg/kg	0.4
P-PO <sub>4</sub>	Soil quality — Determination of phosphorus — Spectrometric determination of phosphorus soluble in sodium hydrogen carbonate solution	mg/kg	0.2
As	US Standard Methods 3050B -As	mg/kg	<0.01
Cd	ISO 11047:1998(en) Soil quality — Determination of cadmium, chromium, cobalt, copper, lead, manganese, nickel and zinc — Flame and electrothermal atomic absorption spectrometric methods	mg/kg	0.05
Cr VI	ISO 11047:1998(en) Soil quality — Determination of cadmium, chromium, cobalt, copper, lead, manganese, nickel and zinc — Flame and electrothermal atomic absorption spectrometric methods	mg/kg	0.05
Cu	ISO 11047:1998(en) Soil quality — Determination of cadmium, chromium, cobalt, copper, lead, manganese, nickel and zinc — Flame and electrothermal atomic absorption spectrometric methods	mg/kg	0.52
Hg	ISO 16772:2004(en) Soil quality — Determination of mercury in aqua regia soil extracts with cold-vapour atomic spectrometry or cold-vapour atomic fluorescence spectrometry	mg/kg	<0.001
Pb	ISO 11047:1998(en) Soil quality — Determination of cadmium, chromium, cobalt, copper, lead, manganese, nickel and zinc — Flame and electrothermal atomic absorption spectrometric methods	mg/kg	0.02
Ni	ISO 11047:1998(en) Soil quality — Determination of cadmium, chromium, cobalt, copper, lead, manganese, nickel and zinc — Flame and electrothermal atomic absorption spectrometric methods	mg/kg	0.17
Hidrokarburet totale	EPA Method 1664A.( Methods for determination of "oil and grease" and "total petroleum hydrocarbons")	mg/kg	1.11



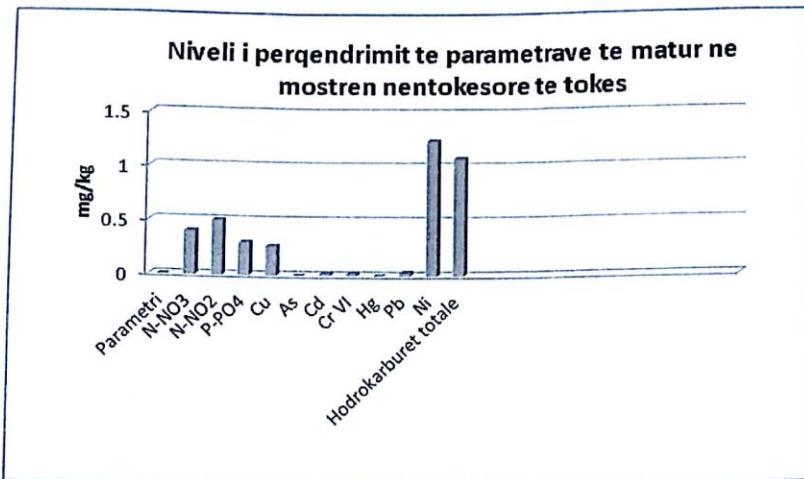
Grafik nr.17 Perqendrimi i parametreve te matur ne mostren siperfaquesore te tokes

### Koment

Vihet re prezenca e nje ser parametash si nutrientet apo dhe gjurme te metaleve dhe hidrokarbureve. Per sa i perket nutrienteve eshte e kuptueshme kemi te bejm me nje zone me karakter bujqesore.

Tabela nr.10 Rezultatet e matjes se parametrave te mostres se tokes ne thellesi 10 cm

Parametri analizuar	Metoda/	Njësie matëse	Vlera
pH*	Determination of pH. WTW Multi 340i		8.2
Konduktiviteti	Determination of Cnductivity. WTW Multi 340i/Tetracon 325	µS/cm	7
N-NO <sub>3</sub>	ISO 14256-2 Soil quality – Determination of nitrate, nitrite and ammonium in field-moist soils by extraction with potassium chloride solution – part 2 ISO 11464 Soil quality – Pretreatment of samples for physico-chemical analysis	mg/kg	0.4
N-NO <sub>2</sub>	ISO 14256-2 Soil quality – Determination of nitrate, nitrite and ammonium in field-moist soils by extraction with potassium chloride solution – part 2 ISO 11464 Soil quality – Pretreatment of samples for physico-chemical analysis	mg/kg	0.5
P-PO <sub>4</sub>	ISO 11263:1994(en) Soil quality — Determination of phosphorus — Spectrometric determination of phosphorus soluble in sodium hydrogen carbonate solution	mg/kg	0.3
As	US Standard Methods 3050B -As	mg/kg	<0.01
Cd	ISO 11047:1998(en) Soil quality — Determination of cadmium, chromium, cobalt, copper, lead, manganese, nickel and zinc — Flame and electrothermal atomic absorption spectrometric methods	mg/kg	0.02
Cr VI	ISO 11047:1998(en) Soil quality — Determination of cadmium, chromium, cobalt, copper, lead, manganese, nickel and zinc — Flame and electrothermal atomic absorption spectrometric methods	mg/kg	0.02
Cu	ISO 11047:1998(en) Soil quality — Determination of cadmium, chromium, cobalt, copper, lead, manganese, nickel and zinc — Flame and electrothermal atomic absorption spectrometric methods	mg/kg	0.27
Hg	ISO 16772:2004(en) Soil quality — Determination of mercury in aqua regia soil extracts with cold-vapour atomic spectrometry or cold-vapour atomic fluorescence spectrometry	mg/kg	<0.001
Pb	ISO 11047:1998(en) Soil quality — Determination of cadmium, chromium, cobalt, copper, lead, manganese, nickel and zinc — Flame and electrothermal atomic absorption spectrometric methods	mg/kg	0.03
Ni	ISO 11047:1998(en) Soil quality — Determination of cadmium, chromium, cobalt, copper, lead, manganese, nickel and zinc — Flame and electrothermal atomic absorption spectrometric methods	mg/kg	1.24
<b>Hodrokarburet totale</b>	EPA Method 1664A. (Methods for determination of "oil and grease" and "total petroleum hydrocarbons")	mg/kg	1.08



Grafik nr.18 Perqendrimi i parametrave te matur ne mostren sipërfaçesore te tokes

#### Koment

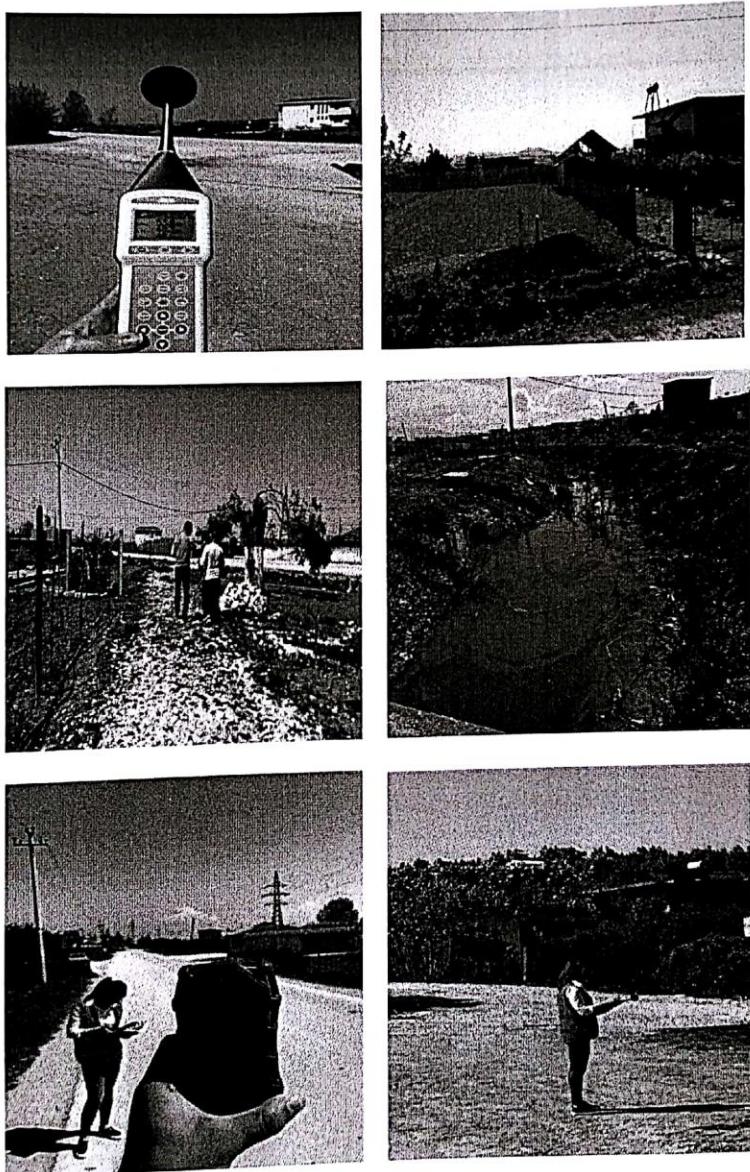
Vihet re prezenca e një ser parametra të nutrientëve apo gjurmëve të metaleve dhe hidrokarbureve.

Drejtues i laboratorit QMM

Elvis XHAFERRI

Studim i ndotjes ne fshatin Marinez, periudha Prill 2017  
Ky raport analistik nuk mund të kopjohet, qoftë edhe pjesërisht, pa autorizimin me shkrim të QMM

## ANEKS I



Pamje gjate matjeve ne fshatin Marinez

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Qendro e Monitorimit te Mediut

Address: Rr "M.Ulqinaku", Nj.10  
P.Teknoprojekt, Tirane  
Tel/fax: +355(0)42254710  
Cel:+355 694050210  
Email:info@qmm.al  
www.qmm.al  
NIPT K92402036A

## RAPORTI I RESULTATEVE Përqendrimi total i gazeve

Raporti Nr.	427/1730
Klienti:	Bashkia Rroskovec
Vendi i matjes (Stacioni):	Nepërkatë ndryshme gjatë gjithë gjatesisë se fshatit Maranec
Data e matjes:	12/04/2017
Metoda e matjes:	SSH EN 45544: 2.2015 SSH EN 14662:2005 EN 14625:2005
Aparati matës:	MSA ALATAIR 5X

Nr.	Koha e matjes			Rezultati				
	Fillimi	Mbarimi	Kohëzgjatja	CO *	NO <sub>2</sub> *	SO <sub>2</sub>	O <sub>3</sub>	Benzene
				(mg/m <sup>3</sup> )	(µg/m <sup>3</sup> )	(µg/m <sup>3</sup> )	(µg/m <sup>3</sup> )	(µg/m <sup>3</sup> )
1	09.30	10.30	60 min	<0.00123	< 2.03	564	<21.1	1
2	10.35	11.35	60 min	<0.00123	< 2.03	282	<21.1	<1
3	11.40	12.40	60 min	<0.00123	< 2.03	282	<21.1	<1
4	12.45	13.45	60 min	<0.00123	< 2.03	282	<21.1	<1
5	13.50	14.50	60 min	<0.00123	< 2.03	282	<21.1	<1

Tiranë, datë 11/05/2017

Përgjegjësi i laboratorit

Elvis Xhaferri

Resultatet e pasqyruara në këtë fletë analizë i referohen vetëm momentit kur është kryer. Nuk mund të kopjohet, qoftë edhe pjesërisht, pa autorizimin me tekshrim të EMC.  
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Adress: Rr "M.Ulqinaku", Nj.10  
 P.Teknoprojekt, Tirane  
 Tel/fax:+355(0)42254710  
 Cel:+355 694050210  
 Email:info@qmm.al  
 www.qmm.al

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**RAPORTI I REZULTATEVE**  
**Përqendrimi total të lëndës së grimcuar në suspension (LNP) dhe metaleve te renda në ajër**

Raporti Nr:	892/1730
Klienti:	Bashkia Rroskovec
Vendi i matjes (Stacioni):	Ne pikë të ndryshme gjatë gjithë gjatesise se fshatit Marinez
Data e matjes:	12/04/2017
Metoda e matjes:	DS CEN/TS 16450-2013 SSH EN 14902:2005 dhe S SH EN 14902:2005/AC:2006
Aparati matës:	MicroDust Pro Casella

Nr	Vendi i matjes	Koha e matjes (ora)			Rezultati			
		Fillimi	Mbarimi	Kohëzgjatja	LNPmes mg/m <sup>3</sup>	LNP max mg/m <sup>3</sup>	PM10 µg/m <sup>3</sup>	PM2.5 µg/m <sup>3</sup>
1	Ne hyrje te fshatit Marinez	09.30	10.30	60 min	0.075	1.025	5	3
2	Ne distance 577 m ne vije ajrore nga aktiviteti me l afert nafte-punues	10.35	11.35	60 min	0.002	0.031	1	1
3	Prane shkolles Naun Doka	11.40	12.40	60 min	0.007	0.040	2	1
4	Kryqezimi te lapidari	12.45	13.45	60 min	0.004	0.035	1	1
5	Ne pikën fundore te fshatit	13.50	14.50	60 min	0.006	0.029	2	1

Nr	Vendi i matjes	Koha e matjes (ora)			Rezultati			
		Fillimi	Mbarimi	Kohëzgjatja	Cd ng/m <sup>3</sup>	As ng/m <sup>3</sup>	Pb µg/m <sup>3</sup>	Ni ng/m <sup>3</sup>
1	Ne hyrje te fshatit Marinez	09.30	10.30	60 min	<1	<1	<0.1	1
2	Ne distance 577 m ne vije ajrore nga aktiviteti me l afert nafte-punues	10.35	11.35	60 min	<1	<1	<0.1	<1
3	Prane shkolles Naun Doka	11.40	12.40	60 min	<1	<1	<0.1	<1
4	Kryqezimi te lapidari	12.45	13.45	60 min	<1	<1	<0.1	<1
5	Ne pikën fundore te fshatit	13.50	14.50	60 min	<1	<1	<0.1	<1

Tiranë, datë 11/05/2017

**Përgjegjësi i laboratorit**

Elvis Xhaferri

Resultatet e pasqyruara në këtë fletë analizë i referohen vetëm mostrës. Ky raport analistik nuk mund të kopjohet, qoftë edhe pjesërisht, pa autorizimin me shkrim të QMM.  
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Faqe 1 nga 2





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Faqe 2 nga 2



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P.Teknoprojekt, Tirane  
Tel/fax:+355(0)42254710  
Cel:+355 694050210  
Email:info@qmm.al  
www.qmm.al

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### Raport i rezultatit të matjes së nivelistë zhurmës

Raporti Nr:	932/1730
Klienti:	Bashkia Rroskovec
Vendi i matjes (Stacioni):	Ne pikat te ndryshme gjate gjithe gjatesise se fshatit Marinez
Data e matjes:	12/04/2017
Metoda e matjes:	SSH EN ISO/DIS 1996-2:2005
Aparati matës:	Delta OHM HD 2010 UC

Nr	Vendi i matjes	Koha e matjes (ora)		Rezultati, dB(A)
		Fillimi	Mbarimi	
1	Ne hyrje te fshatit Marinez	09.30	01.30	52.3
2	Ne distance 577 m ne vije ajrore nga aktiviteti me l afert nafe-punues	09.30	01.30	48.2
3	Prane shkolles Naun Doka	09.30	01.30	47.7
4	Kryqezimi te lapidari	09.30	01.30	49.5
5	Ne pliken fundore te fshatit	09.30	01.30	48.6

Tiranë, datë 11/05/2017

Përgjegjësi i laboratorit  
Elvis XAFERRI

QMM  
Dendra e Monitorimit te Mjedisit  
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TIRANE, SHQIPERI

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P.Teknoprojekt, Tirane  
Tel/fax:+355(0)42254710  
Cel:+355 694050210  
Email:info@qmm.al  
www.qmm.al

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### Rapor i rezultatit të matjes së nivelit të zhurmës

Raporti Nr.	932/1730
Kllenti:	Bashkia Rroskovec
Vendi i matjes (Stacioni):	Ne pikë te ndryshme gjate gjithe gjatesise se fshatit Marinez
Data e matjes:	12/04/2017
Metoda e matjes:	SSH EN ISO/DIS 1996-2:2005
Aparati matës:	Delta OHM HD 2010 UC

Nr.	Vendi i matjes	Kohë e matjes (ora)		Rezultati dB(A)	
		Fillimi	Mbarimi	LAeq	LAmax
1	Ne hyrje te fshatit Marinez	09.30	01.30	52.3	
2	Ne distance 577 m ne vije ajrore nga aktiviteti me l afert naftë-punues	09.30	01.30	48.2	
3	Prane shkolles Naun Doka	09.30	01.30	47.7	
4	Kryqezimi te lapidari	09.30	01.30	49.5	
5	Ne pikën fundore te fshatit	09.30	01.30	48.6	

Tiranë, datë 11/05/2017

Përgjegjësi i laboratorit  
Elvis XHAFERRI



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Faqe 1 nga 1



Qendra e Monitorimit te Mjedisit

Adress: Rr "M.Ulqinaku", Nj.10  
P.Teknoprojekt, Tiranë  
Tel/fax:+355 44806051  
Cel:+355 694050210  
Email:info@qmm.al  
www.qmm.al

NIPT K92402036A

Porositesi:	Bashkia Rroskovec
Adresa:	Marinez, Rroskovec
Aktiviteti:	Zone banimi

### RAPORT I PROVAVE /TEST REPORT

Nr.1425 Datë: 11/05/2017

Identifikimi i Mostrës/Sample ID:	Mosterdheu/Soil sample:
Emërtimi i mostrës në terren/Sample field name	Moster dheu siperfaqesore
	X: 4387795.47 Y: 4510271.37
Numri i mostrës së selle (hyrje)/Login number:	001
Mostruar nga/Sampled by:	Qendra e Monitorimit te Mjedisit
Data e mostrimit/Sampling date:	12.04.2017
Data e depozitimit/Receiving date:	12.04.2017
Data e analizës/Analysis date:	12.04.2017
Vendi i origjinës/Place of origin:	Fshati Martinez
Pershkrimi i mostrës/Sample description	100 g moster dheu/ 100 g soil sample
Pershkrimi i amballazhit/Container description	Viale qelqi/ Viale glass
Kodi i transmetimit/Transmission code:	001

### Faqe 1 nga 3

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Qendra e Monitorimit te Mjedisit

**Rezultati Analistik i Mostrës/Analytical Results of the Sample**

Analiti	Metoda	Njësi mëruar	Vlerë
pH*	Determination of pH. WTW Multi 340i		8.1
Konduktiviteti	Determination of Cnductivity. WTW Multi 340i/Tetracon 325	µS/cm	10
N-NO <sub>3</sub>	ISO 14256-2 Soil quality – Determination of nitrate, nitrite and ammonium in field-moist soils by extraction with potassium chloride solution – part 2 ISO 11464 Soil quality – Pretreatment of samples for physico-chemical analysis	mg/kg	0.3
N-NO <sub>2</sub>	ISO 14256-2 Soil quality – Determination of nitrate, nitrite and ammonium in field-moist soils by extraction with potassium chloride solution – part 2 ISO 11464 Soil quality – Pretreatment of samples for physico-chemical analysis	mg/kg	0.4
P-PO <sub>4</sub>	ISO 11263:1994(en) Soil quality – Determination of phosphorus – Spectrometric determination of phosphorus soluble in sodium hydrogen carbonate solution	mg/kg	0.2
As	US Standard Methods 3050B -As	mg/kg	<0.01
Cd	ISO 11047:1998(en) Soil quality – Determination of cadmium, chromium, cobalt, copper, lead, manganese, nickel and zinc – Flame and electrothermal atomic absorption spectrometric methods	mg/kg	0.05
Cr VI	ISO 11047:1998(en) Soil quality – Determination of cadmium, chromium, cobalt, copper, lead, manganese, nickel and zinc – Flame and electrothermal atomic absorption spectrometric methods	mg/kg	0.05
Cu	ISO 11047:1998(en) Soil quality – Determination of cadmium, chromium, cobalt, copper, lead, manganese, nickel and zinc – Flame and electrothermal atomic absorption spectrometric methods	mg/kg	0.52
Hg	ISO 16772:2004(en) Soil quality – Determination of mercury in aqua regia soil extracts with cold-vapour atomic spectrometry or cold-vapour atomic fluorescence spectrometry	mg/kg	<0.001
Pb	ISO 11047:1998(en) Soil quality – Determination of cadmium, chromium, cobalt, copper, lead, manganese, nickel and zinc – Flame and electrothermal atomic absorption spectrometric methods	mg/kg	0.02
Ni	ISO 11047:1998(en) Soil quality – Determination of cadmium, chromium, cobalt, copper, lead, manganese, nickel and zinc – Flame and electrothermal atomic absorption spectrometric methods	mg/kg	0.17
Hodrokarburet totale	EPA Method 1664A, ( Methods for determination of "oil and grease" and "total petroleum hydrocarbons")	mg/kg	1.11

Drejtues i laboratorit QMM

Elvis XHAFFERRI

Faqe 2 nga 3

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Adress: Rr "M.Ulqinaku", Nj.10  
P.Teknoprojekt, Tiranë  
Tel/fax:+355 44806051  
Cel:+355 694050210  
Email:info@qmm.al  
www.qmm.al

NIPT K92402036A

Porositesi:	Bashkia Rroskovec
Adresa:	Marinez, Rroskovec
Aktiviteti:	Zone banimi

### RAPORT I PROVAVE /TEST REPORT

Nr.1425 Datë: 11/05/2017

Identifikimi i mostrës/Sample ID	Mostër dheu/Soil sample
Emërtimi i mostrës në terren /Sample field name	Mostër dheu ne thellesi 10 cm X: 4387795.47 Y: 4510271.37
Numri i mostrës se sjele (hyje) / Login number	001
Mostruar nga/Sampled by:	Qendra e Monitorimit te Mjedisit
Data e mostritimit/Sampling date:	12.04.2017
Data e depozitimit/Receiving date:	12.04.2017
Data e analizës /Analysis date	12.04.2017
Vendl i origjines/Place of origin:	Fshati Marinez
Pershkrimi i mostrës/Sample description	400 g mostër dheu / 400 g soil sample
Pershkrimi i ambalazhit/Container description	Viale qelqi/ Viale glass
kodi i analizuesit/Transmission code:	001

### Faqe 1 nga 3

Rezultatet e pasqyruara në këtë fletë analizë i referohen vetëm mostrës. Ky report analistik nuk mund të kopjohet, goftë edhe pjesërisht, pa autorizimin me shkrim të QMM.  
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### Rezultati Analistik i Mostrës/Analytical Results of the Sample

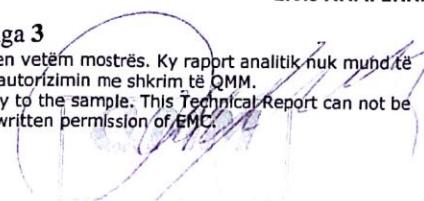
Parametri analizuar	Metoda/	Njësia matëse	Vlera
pH*	Determination of pH. WTW Multi 340i		8.2
Konduktiviteti	Determination of Cnductivity. WTW Multi 340i/Tetracon 325	µS/cm	7
N-NO <sub>3</sub>	ISO 14256-2 Soil quality – Determination of nitrate, nitrite and ammonium in field-moist soils by extraction with potassium chloride solution – part 2 ISO 11464 Soil quality – Pretreatment of samples for physico-chemical analysis	mg/kg	0.4
N-NO <sub>2</sub>	ISO 14256-2 Soil quality – Determination of nitrate, nitrite and ammonium in field-moist soils by extraction with potassium chloride solution – part 2 ISO 11464 Soil quality – Pretreatment of samples for physico-chemical analysis	mg/kg	0.5
P-PO <sub>4</sub>	ISO 11263:1994(en) Soil quality — Determination of phosphorus — Spectrometric determination of phosphorus soluble in sodium hydrogen carbonate solution	mg/kg	0.3
As	US Standard Methods 3050B -As	mg/kg	<0.01
Cd	ISO 11047:1998(en) Soil quality — Determination of cadmium, chromium, cobalt, copper, lead, manganese, nickel and zinc — Flame and electrothermal atomic absorption spectrometric methods	mg/kg	0.02
Cr VI	ISO 11047:1998(en) Soil quality — Determination of cadmium, chromium, cobalt, copper, lead, manganese, nickel and zinc — Flame and electrothermal atomic absorption spectrometric methods	mg/kg	0.02
Cu	ISO 11047:1998(en) Soil quality — Determination of cadmium, chromium, cobalt, copper, lead, manganese, nickel and zinc — Flame and electrothermal atomic absorption spectrometric methods	mg/kg	0.27
Hg	ISO 16772:2004(en) Soil quality — Determination of mercury in aqua regia soil extracts with cold-vapour atomic spectrometry or cold-vapour atomic fluorescence spectrometry	mg/kg	<0.001
Pb	ISO 11047:1998(en) Soil quality — Determination of cadmium, chromium, cobalt, copper, lead, manganese, nickel and zinc — Flame and electrothermal atomic absorption spectrometric methods	mg/kg	0.03
Ni	ISO 11047:1998(en) Soil quality — Determination of cadmium, chromium, cobalt, copper, lead, manganese, nickel and zinc — Flame and electrothermal atomic absorption spectrometric methods	mg/kg	1.24
<b>Hodrokarburet totale</b>	EPA Method 1664A.( Methods for determination of "oil and grease" and "total petroleum hydrocarbons)	mg/kg	1.08

Drejtues i laboratorit QMM

Elvis XHAFERRI

#### Faqe 2 nga 3

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Qendra e Monitorimit te Mjedisit  
 Adress: Rr "M.Ulqinaku", Nj.10  
 P.Teknoprojekt, Tiranë  
 Tel/fax:+355(0)42254710  
 Cel:+355 694050210  
 Email:info@qmm.al  
 www.qmm.al

NIPT K92402036A

Porositesi:	Bashkia Rroškovec
Adresa:	Marinez, Rroškovec
Aktiviteti:	Zone banimi

### RAPORT I PROVAVE /TEST REPORT

Nr. 1730 Datë: 11/05/2017

Identifikimi i mostres/Sample ID:	Mostratështë marrë në një pus nentokesor të një banorit te fshatit
Emërtimi i mostres në terren /Sample field name	Moster uji nentokesore
Numri i mostres se sjellje (hyrje)/ Login number:	001
Mostruar nga/Sampled by:	Qendra e Monitorimit te Mjedisit
Data e mostrimit/Sampling date:	12.04.2017
Data e depozitimit/Receiving date:	12.04.2017
Data e analizes/ Analysis date:	12.04.2017
Vendi i orgjinës/Place of origin:	Fshati Martinez
Pershkrimi i mostres/Sample description:	1.5 L moster e lengerit
Kodi i analizuesit/Transmission Code:	001

Resultatet e pasqyruara në këtë fletë analizë i referohen vetëm mostres. Ky rapport analistik nuk mund të kopjohet, qoftë edhe pjesërisht, pa autorizimin me shkrim të QMM.  
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Qendra e Monitorimit te Mjedisit

Rezultati Analistik i mostrës/Analytical Results of the Sample

Parametri analizuar	Metoda/	Njësie matëse	Vlera	Limiti detektimit
pH*	ISO 10523:2012 Water Quality, Determination of pH. WTW Multi 340i		7.75	0.01
Temperatura	Water Quality, Determination of temperature. WTW Multi 340i	°C	16.1	--
Lendet pezulli	Filtrim, Whatman (filter <0.45 µm)	mg/L	<2	1
COD*	S SH ISO 15705:2013 Waterquality, WTW photolab 6600 UV-VIS	mg/L	12	1
BOD <sub>5</sub>	Waterquality respirometri/Oxitop/EN 1899-1 and EN 1899-2	mg/L	7	1
TOC	Water quality EPA method for Water and Waste Water 415.1/415.2 Persulfate Oxidation	mg/L	1	0.01
N-NO <sub>3</sub>	Photometric Test Kits/S SH ISO 7890-3:2000	mg/L	0.9	0.01
N-NO <sub>2</sub>	Photometric Test Kits/S SH EN 26777:2006		0.026	0.02
P-PO <sub>4</sub>	Photometric Test Kits/S SH ISO EN 6878:2004	mg/L	0.4	0.05
As	Photometric/Test kit method/US Standard Methods 3500-As	mg/L	1.2	0.001
Cd	Photometric/Test kit method/Reaction:with Cadion derivative	mg/L	0.3	0.002
Cr VI	Photometric/Test kit method/US Standart Methods 3500-Cr D	mg/L	2.7	0.01
Cu	Photometric/Test kit method/Reaction:with Cuprizon	mg/L	0.11	0.02
Hg	Standard Methods for the Examination of Water and Wastewater/3500 Hg	mg/L	<0.1	0.01
Pb	Photometric/Test kit method/Reaction:with Pyridylazoresorcinol PAR	mg/L	1.2	0.01
Ni	Photometric/Test kit method/US Standart Methods US 3500-Ni E	mg/L	3.4	0.02
E.Coli	S SH ISO 9308 -1 S SH ISO 9308 -2	nr/250 ml	2	

\*Prova te akredituara sipas SSS ISO/IEC 17025:2005

Fundi i raportit

Drejtues i laboratorit QMM

Elvis XHAFFERI

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