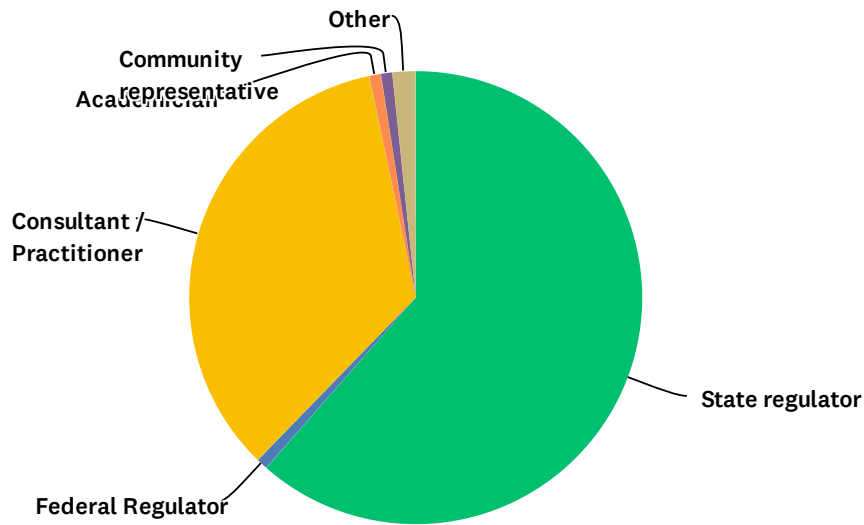


Q1 Identify your affiliation

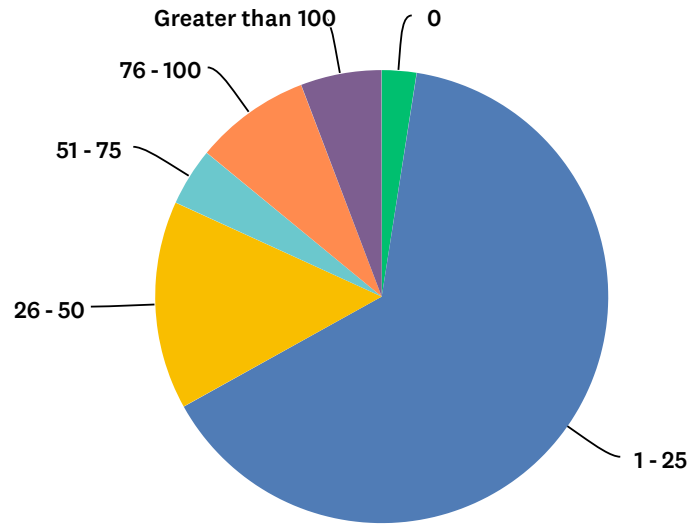
Answered: 122 Skipped: 0



ANSWER CHOICES	RESPONSES	
State regulator	61.48%	75
Federal Regulator	0.82%	1
Consultant / Practitioner	34.43%	42
Responsible party	0.00%	0
Academician	0.82%	1
Community representative	0.82%	1
Tribal representative	0.00%	0
Other	1.64%	2
TOTAL		122

Q2 How many in situ remediation projects have you been involved with designing, implementing, and/or regulatory review?

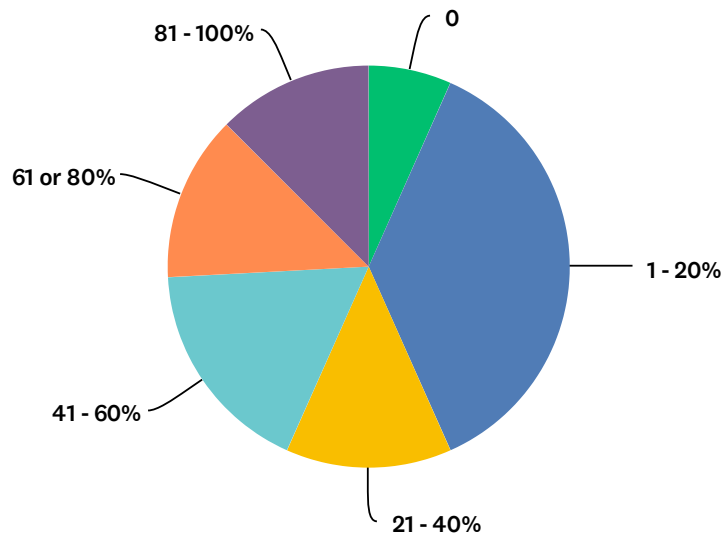
Answered: 121 Skipped: 1



ANSWER CHOICES	RESPONSES	
0	2.48%	3
1 - 25	64.46%	78
26 - 50	14.88%	18
51 - 75	4.13%	5
76 - 100	8.26%	10
Greater than 100	5.79%	7
TOTAL		121

Q3 From the number of projects identified in the previous question; what percentage of projects did not provide adequate information in the first submittal to demonstrate the selected remedy would be successful?

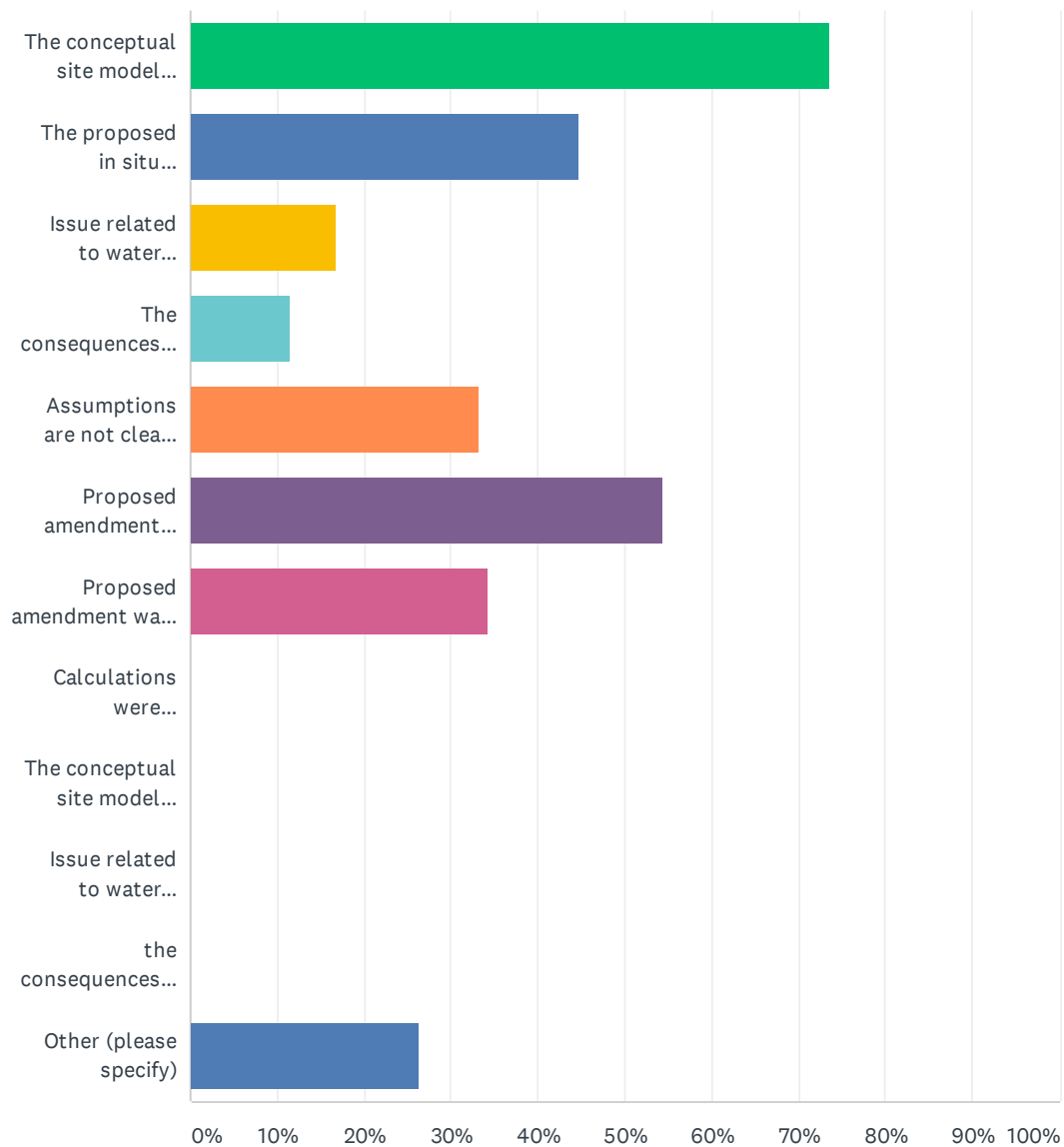
Answered: 120 Skipped: 2



ANSWER CHOICES	RESPONSES	
0	6.67%	8
1 - 20%	36.67%	44
21 - 40%	13.33%	16
41 - 60%	17.50%	21
61 or 80%	13.33%	16
81 - 100%	12.50%	15
TOTAL		120

Q4 Check the reasons for the incomplete determinations for the projects identified in the previous questions. Check all that apply or add additional reasons.

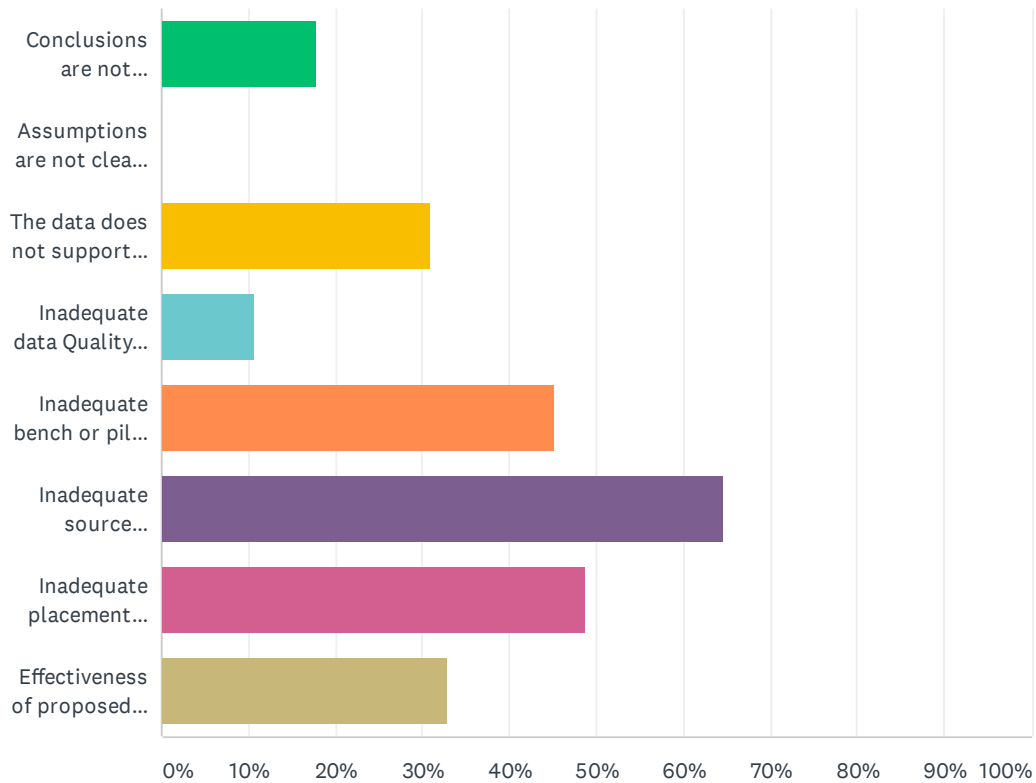
Answered: 114 Skipped: 8



ANSWER CHOICES	RESPONSES	
The conceptual site model (CSM) was found to be insufficient.	73.68%	84
The proposed in situ treatment was questionable.	44.74%	51
Issue related to water pollution anti-degradation requirements were not adequately considered.	16.67%	19
The consequences of reinjecting contaminated groundwater was not adequately considered.	11.40%	13
Assumptions are not clearly described in the narrative.	33.33%	38
Proposed amendment emplacement /delivery was questionable.	54.39%	62
Proposed amendment was questionable.	34.21%	39
Calculations were questionable	0.00%	0
The conceptual site model (CSM) was found to be insufficient	0.00%	0
Issue related to water pollution anti-degradation requirements were not adequately considered	0.00%	0
the consequences of reinfected contaminated groundwater not adequately considered.	0.00%	0
Other (please specify)	26.32%	30
Total Respondents: 114		

Q5 What was the root cause(s) for the inadequate information provided in those projects that did not support the selected remedy?

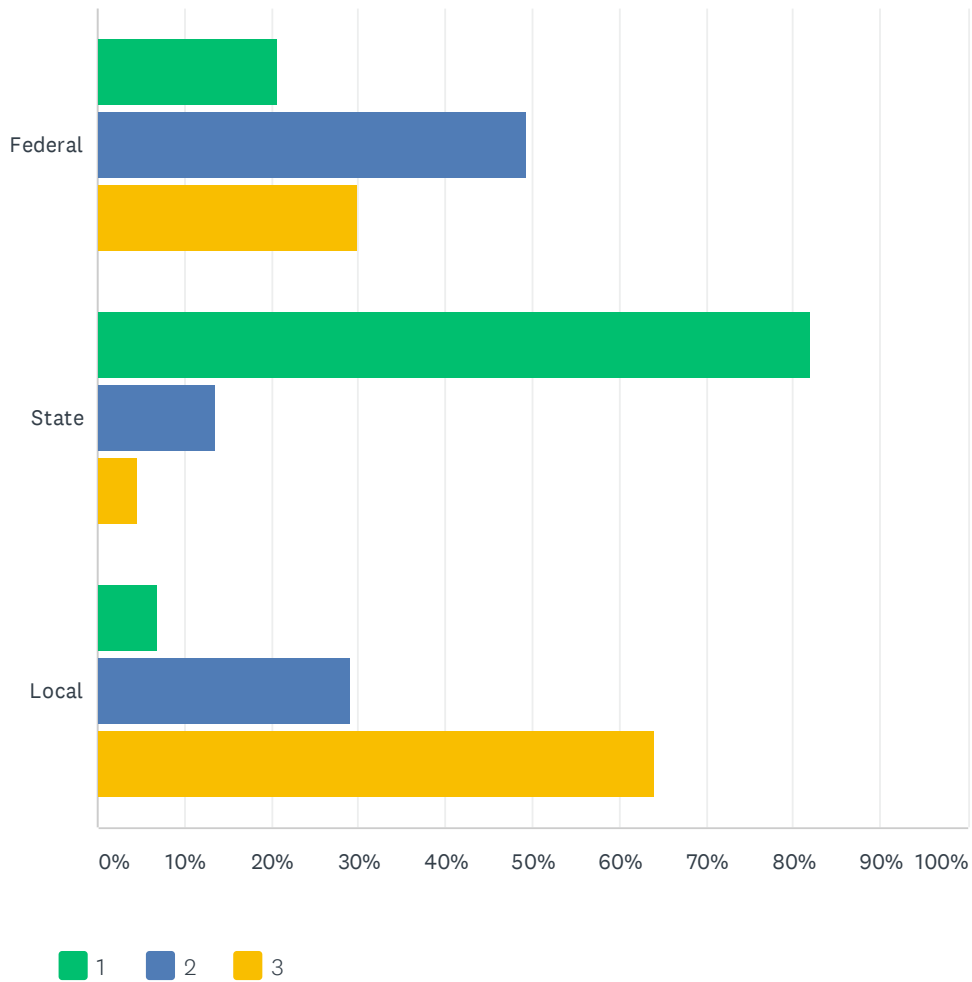
Answered: 113 Skipped: 9



ANSWER CHOICES	RESPONSES	
Conclusions are not supported by the data.	17.70%	20
Assumptions are not clearly defined in the narrative.	0.00%	0
The data does not support that the proposed remedy will reach RAOs.	30.97%	35
Inadequate data Quality Assurance / Quality Control.	10.62%	12
Inadequate bench or pilot testing information.	45.13%	51
Inadequate source characterization (e.g. unknown mass or location of target contaminants are not well defined).	64.60%	73
Inadequate placement design based on the CSM.	48.67%	55
Effectiveness of proposed amendment is questionable.	32.74%	37
Total Respondents: 113		

Q6 Which regulatory authority issued the required permits or approvals. 1 is the most frequent and 3 is the least frequent

Answered: 116 Skipped: 6



	1	2	3	TOTAL	SCORE
Federal	20.69% 18	49.43% 43	29.89% 26	87	1.91
State	81.98% 91	13.51% 15	4.50% 5	111	2.77
Local	6.98% 6	29.07% 25	63.95% 55	86	1.43

Q7 Please include your contact information in case clarification is required

Answered: 109 Skipped: 13

ANSWER CHOICES	RESPONSES	
Name	100.00%	109
Company or agency	100.00%	109
Address	0.00%	0
Address 2	0.00%	0
City/Town	0.00%	0
State/Province	99.08%	108
ZIP/Postal Code	0.00%	0
Country	94.50%	103
Email Address	99.08%	108
Phone Number	94.50%	103